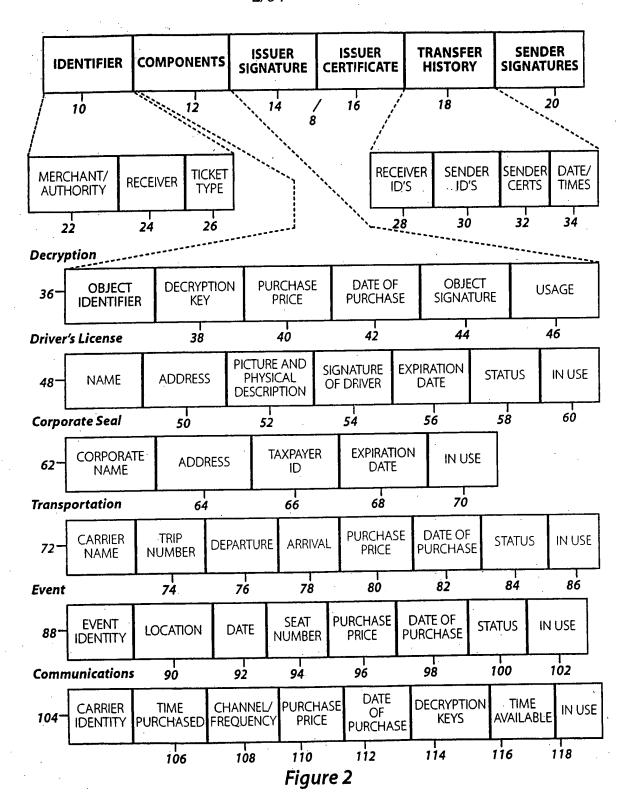


Figure 1

2/91



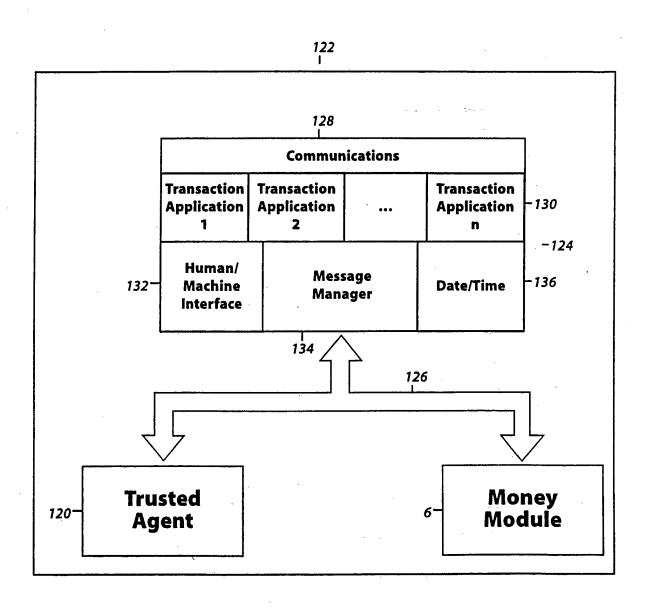


Figure 3

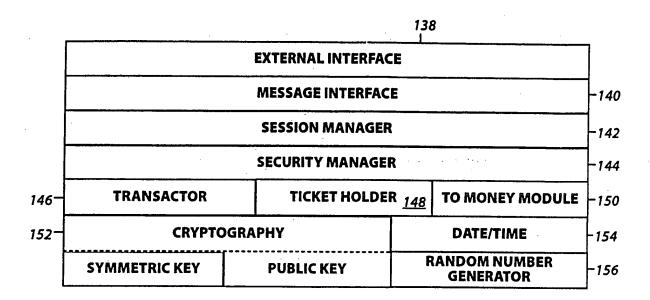
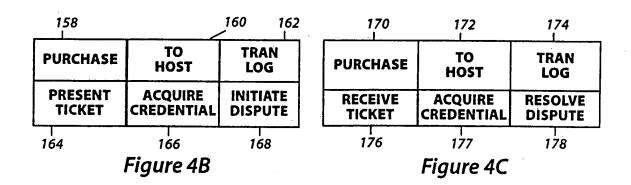


Figure 4A



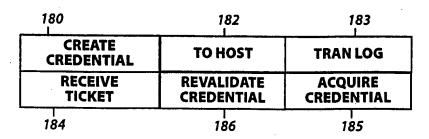


Figure 4D

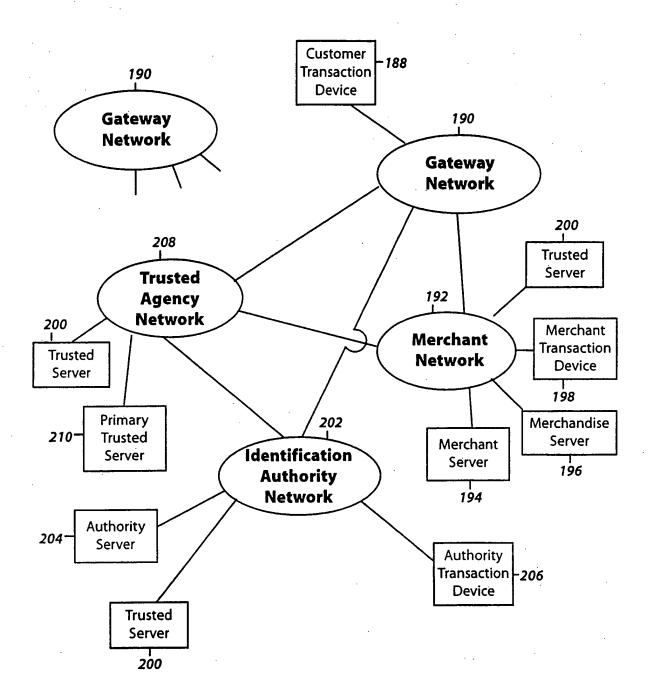
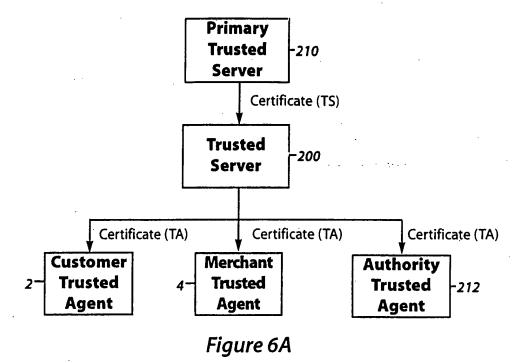


Figure 5



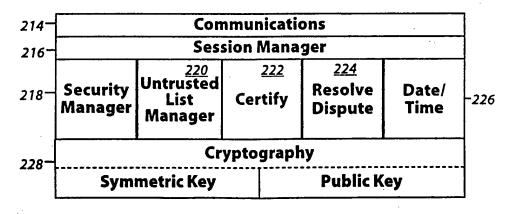


Figure 6B

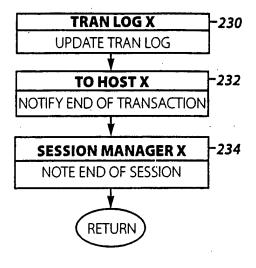


Figure 7A

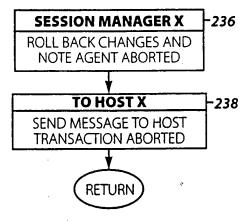


Figure 7B

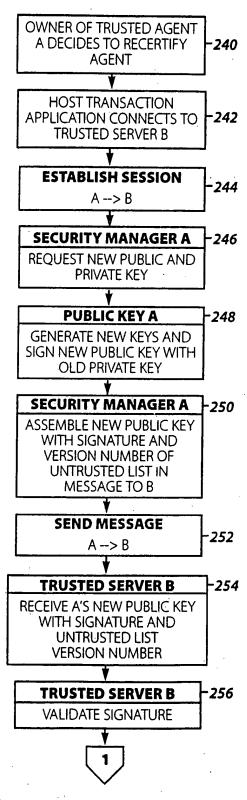


Figure 8A



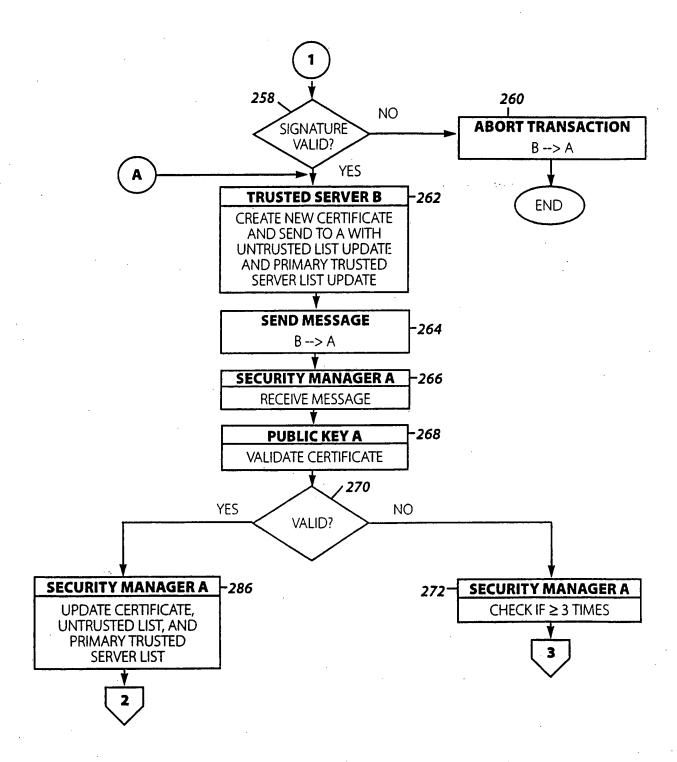
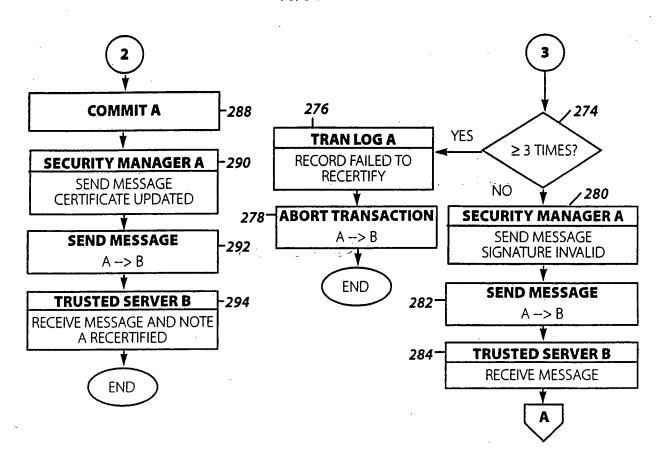


Figure 8B



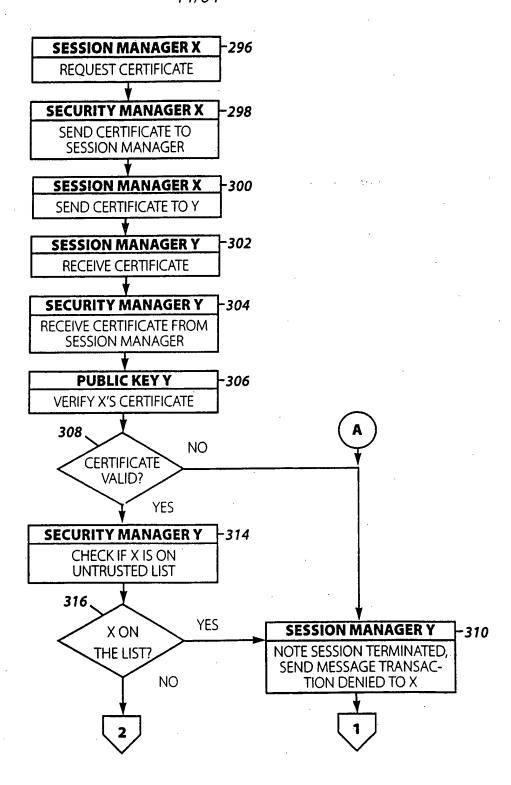


Figure 9A

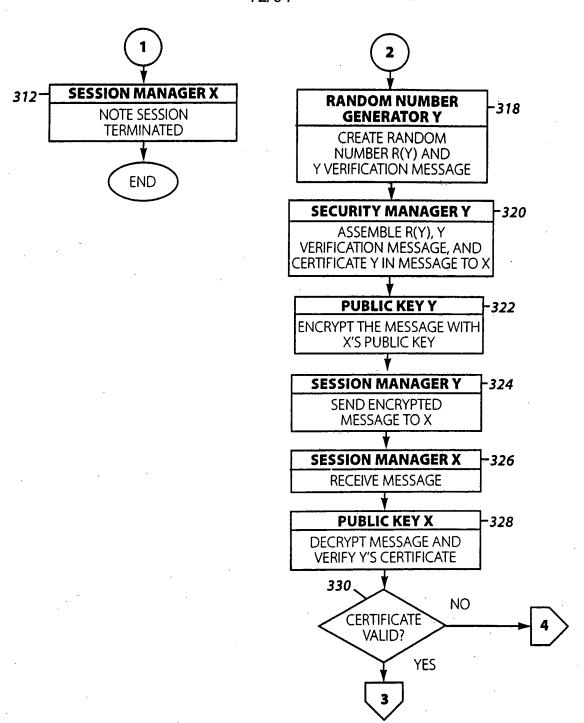


Figure 9B

13/91

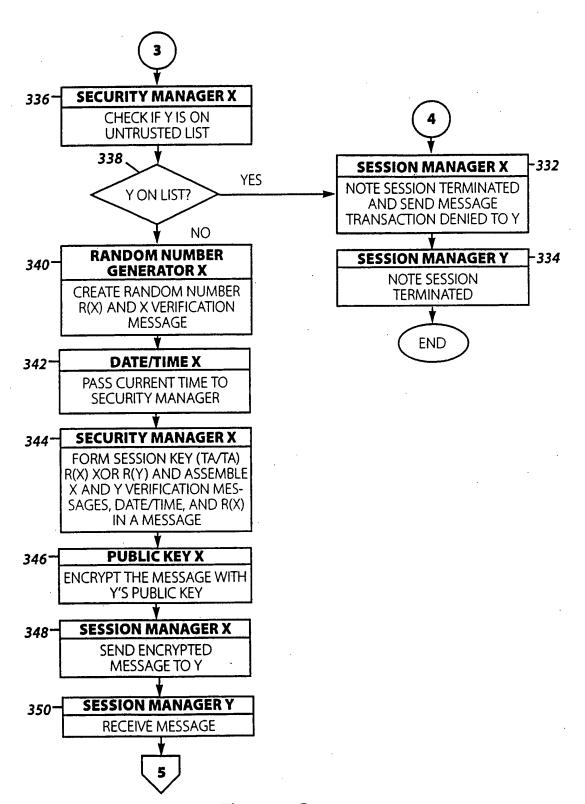


Figure 9C

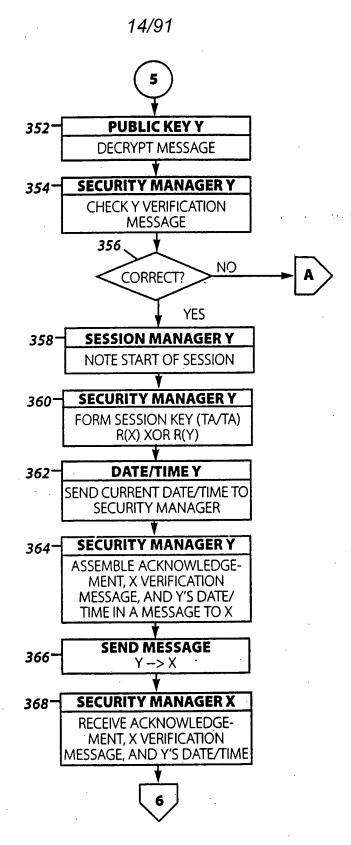


Figure 9D

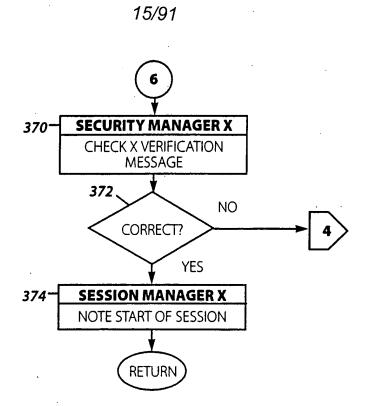
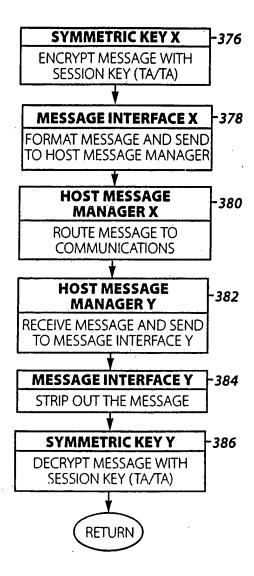


Figure 9E



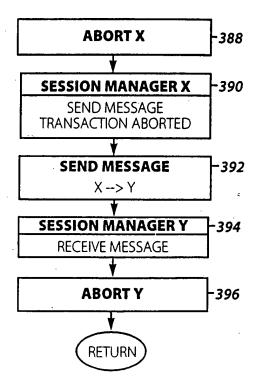


Figure 11

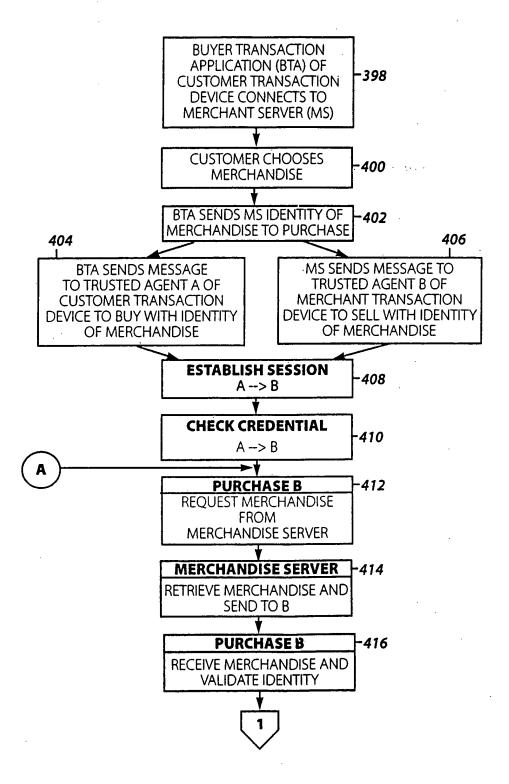


Figure 12A

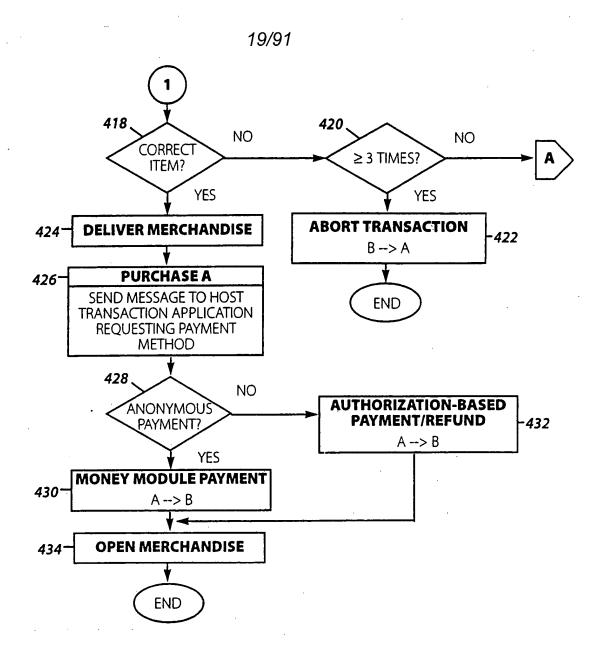


Figure 12B

20/91

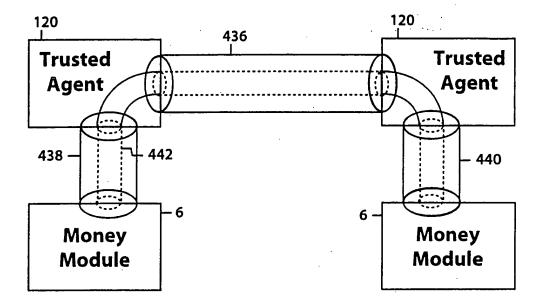


Figure 13

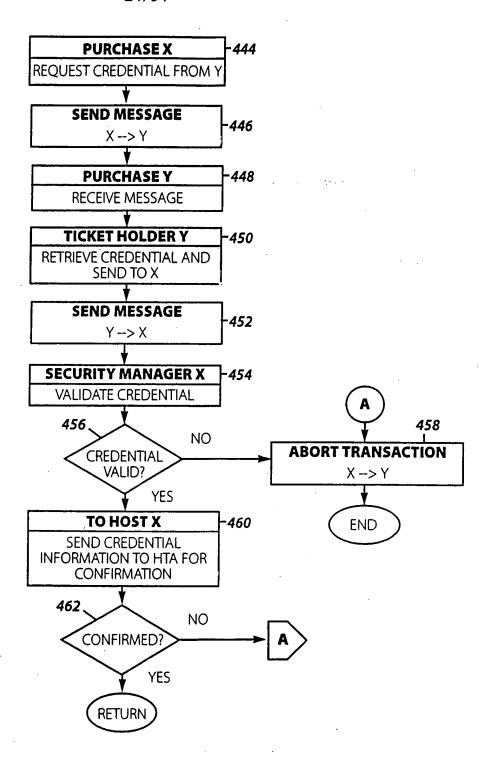


Figure 14

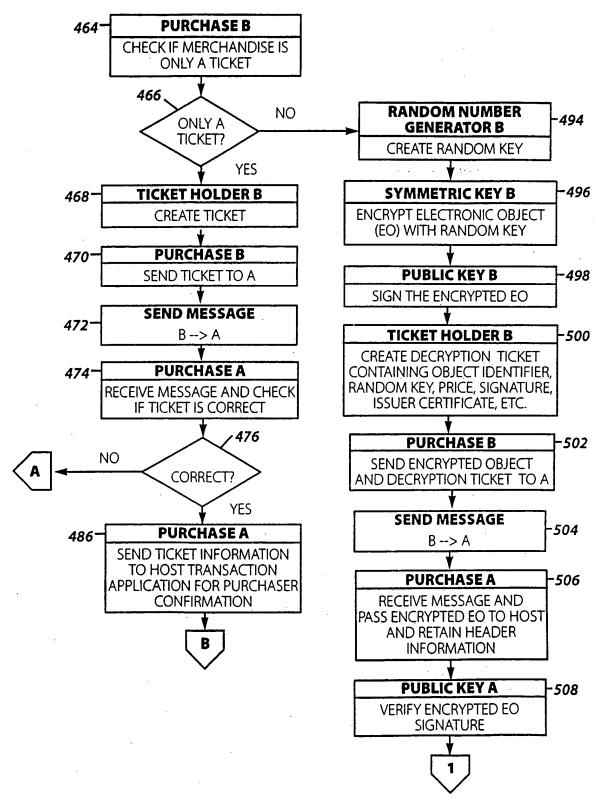


Figure 15A



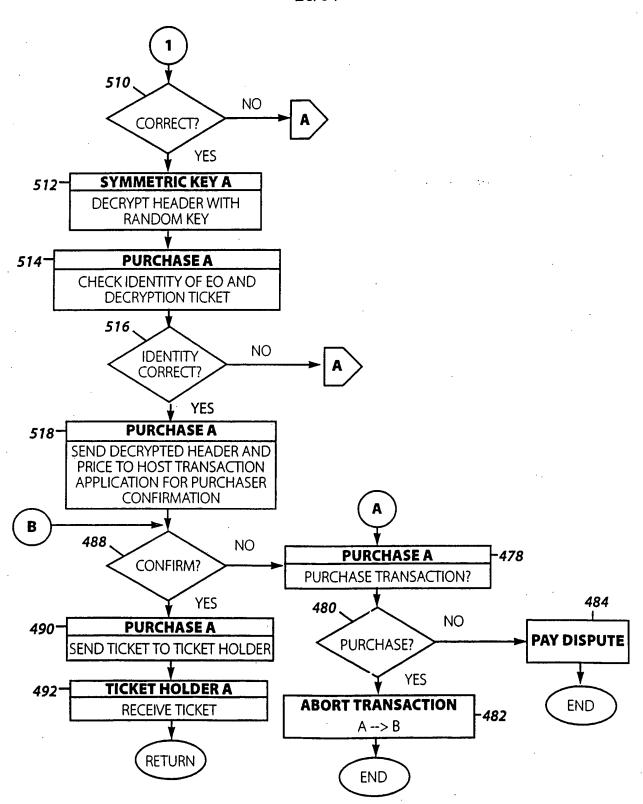


Figure 15B

24/91

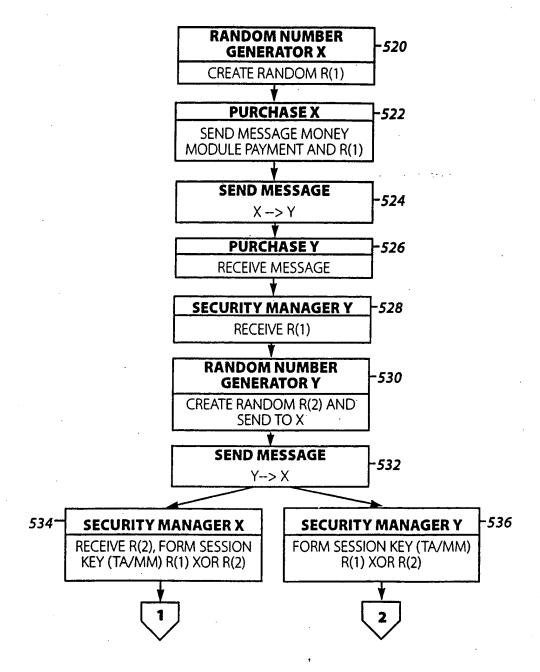


Figure 16A

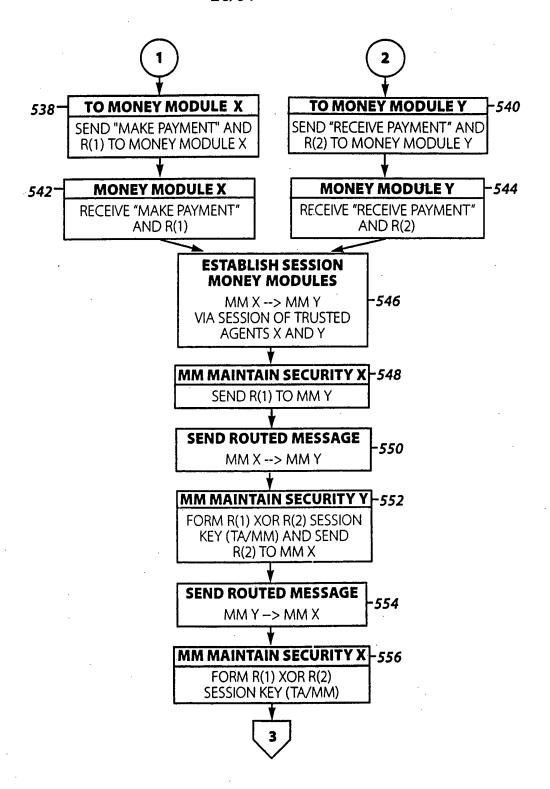
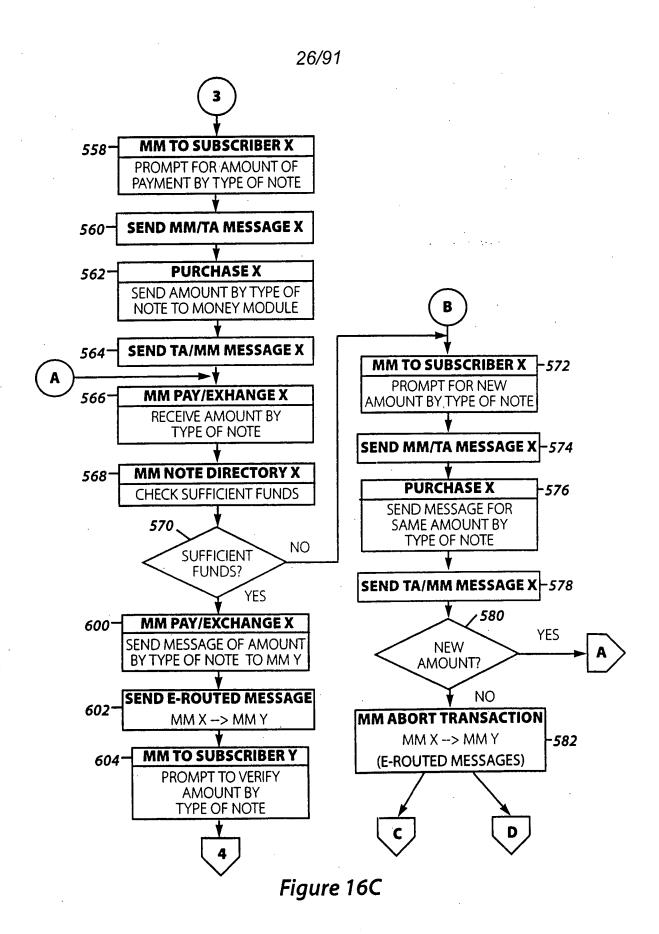


Figure 16B



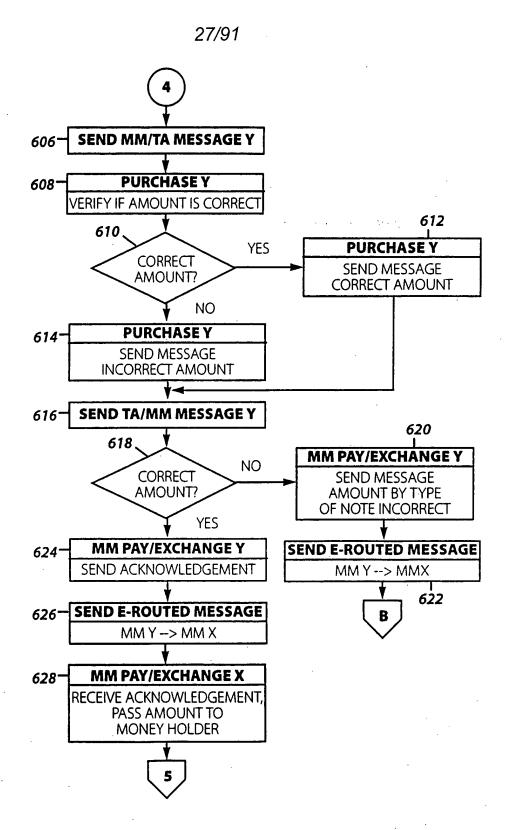


Figure 16D

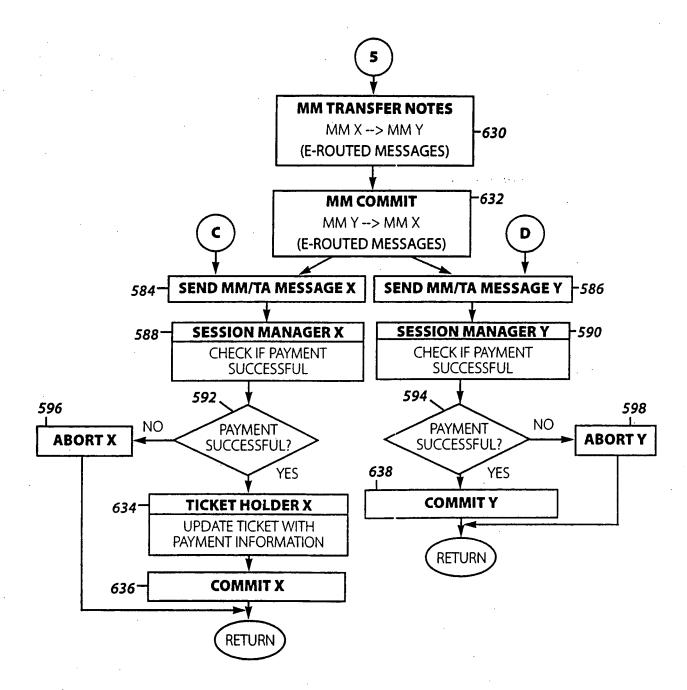


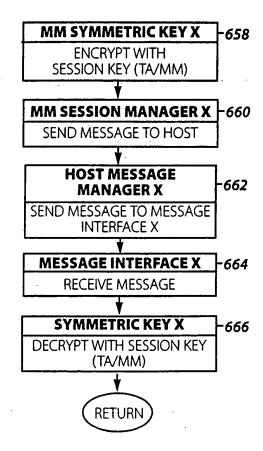
Figure 16E

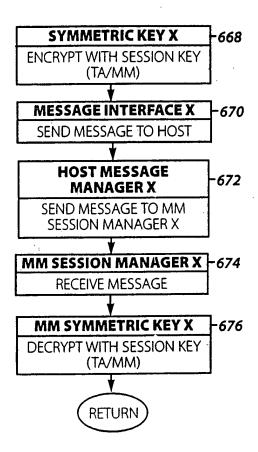
29/91 MM SYMMETRIC KEY X -640 **ENCRYPT MESSAGE WITH** SESSION KEY (MM/MM) MM SESSION MANAGER X -642 SEND MESSAGE TO HOST MESSAGE MANAGER X HOST MESSAGE MANAGER X-644 SEND MESSAGE TO MESSAGE **INTERFACE X MESSAGE INTERFACE X** SEND MESSAGE TO MESSAGE **INTERFACE Y SEND MESSAGE** -648 X --> Y **MESSAGE INTERFACE Y** -650 SEND MESSAGE TO HOST MESSAGE MANAGER Y HOST MESSAGE MANAGER Y -652 SEND MESSAGE TO MONEY **MODULE Y** MM SESSION MANAGER Y \ 654 RECEIVE MESSAGE MM SYMMETRIC KEY Y -656 **DECRYPT MESSAGE WITH**

Figure 17

SESSION KEY (MM/MM)

RETURN





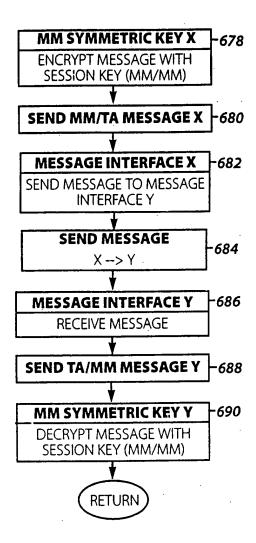


Figure 20

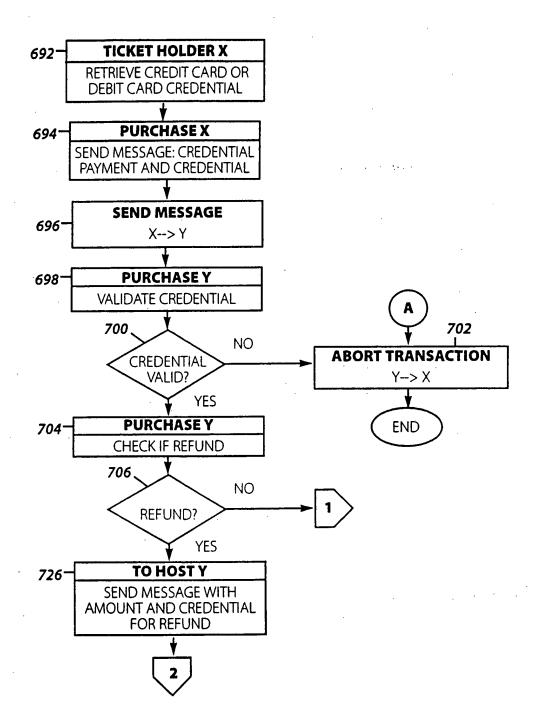


Figure 21A

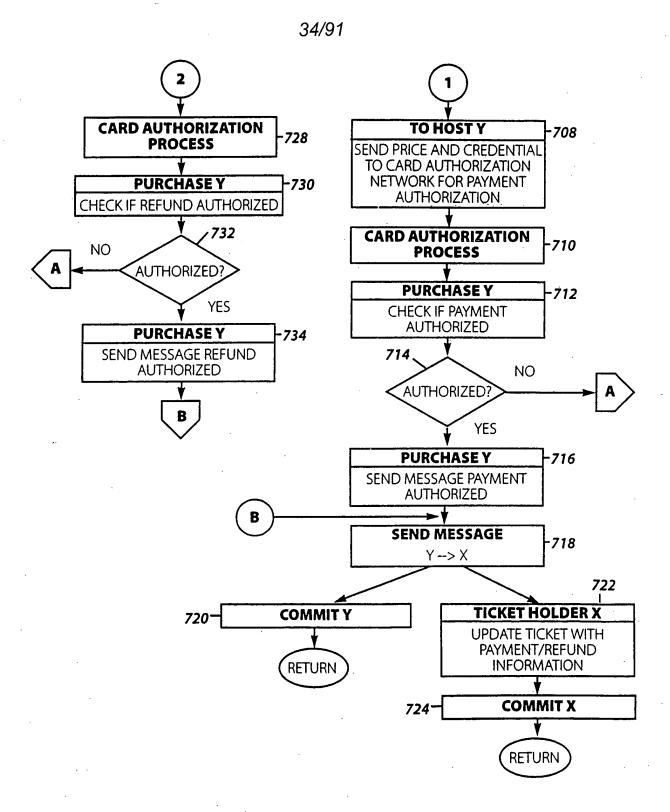
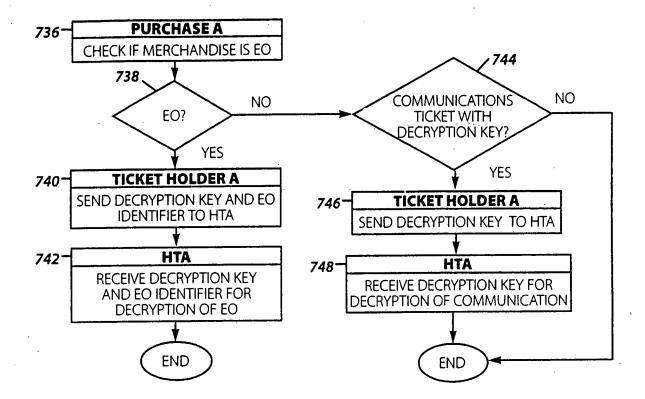


Figure 21B

35/91



36/91

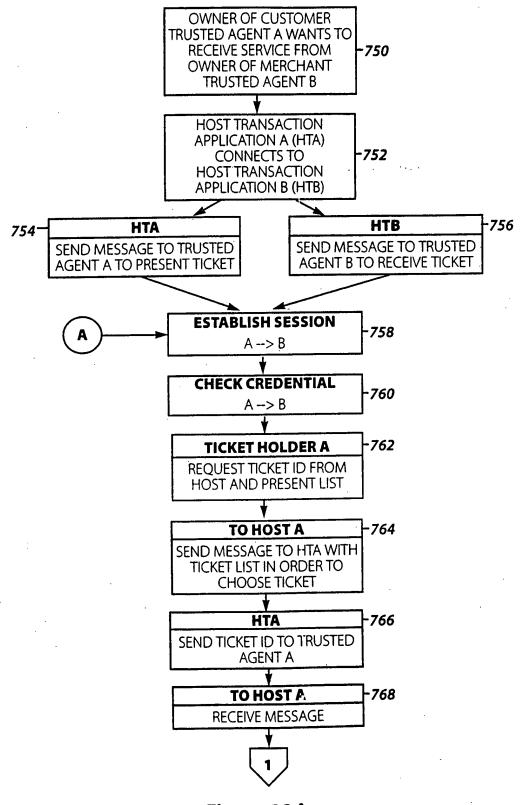


Figure 23A

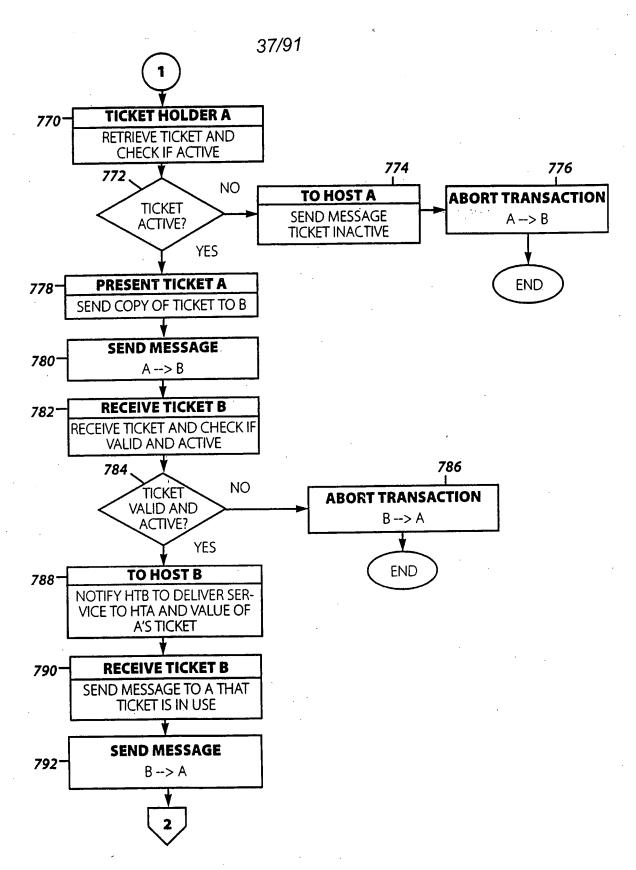


Figure 23B

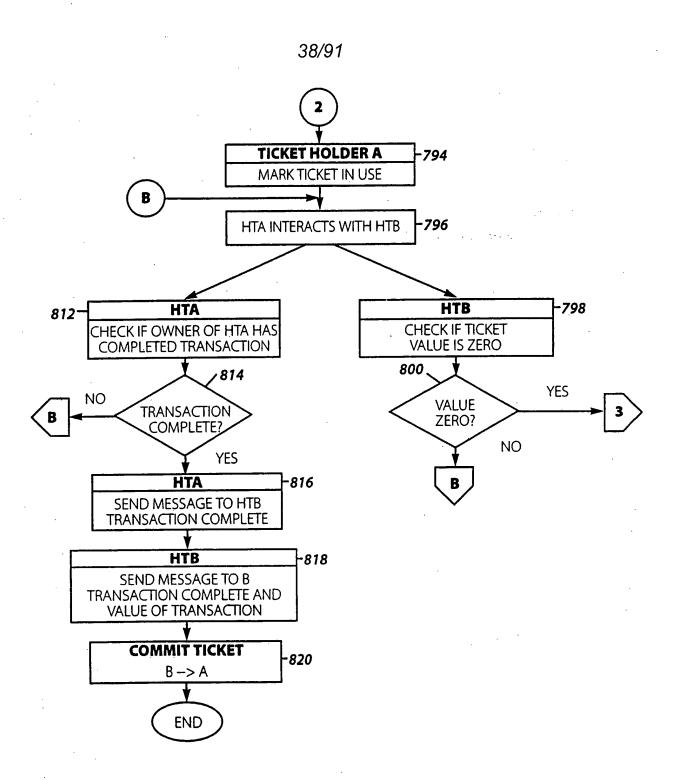
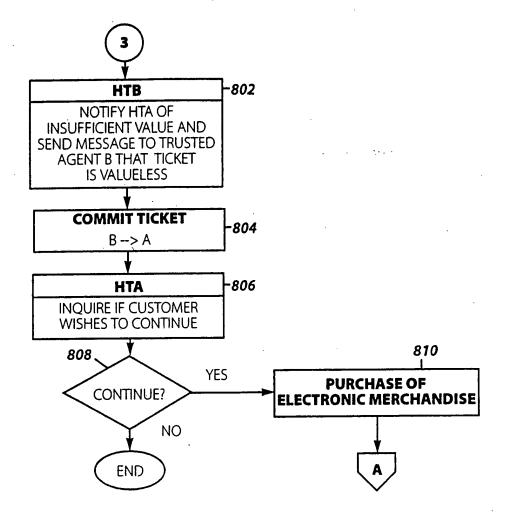
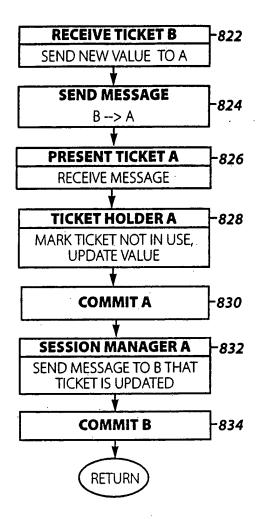


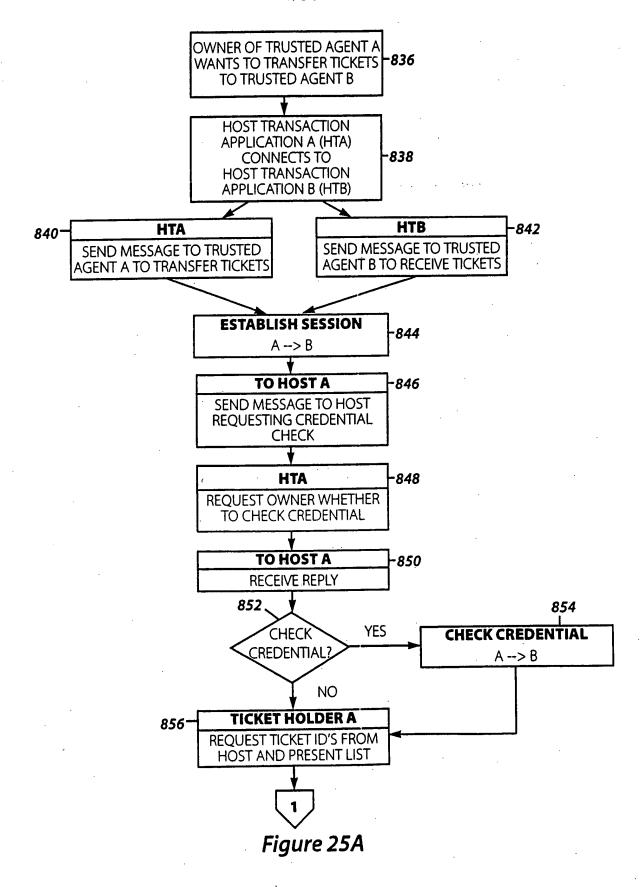
Figure 23C



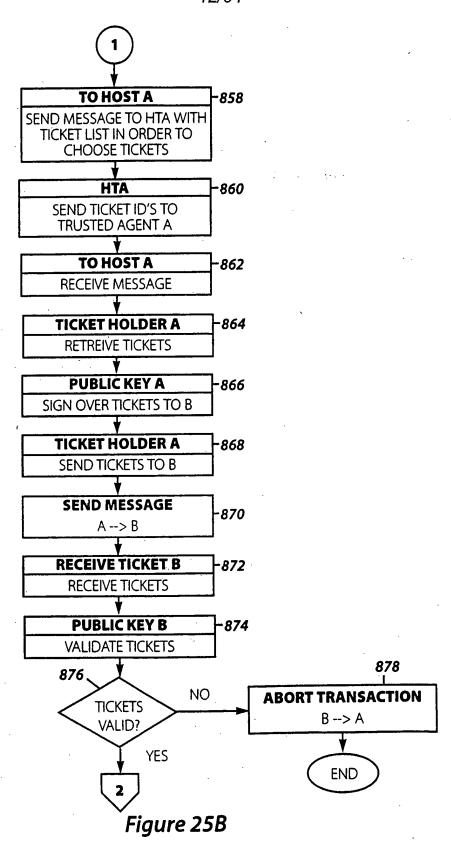




41/91







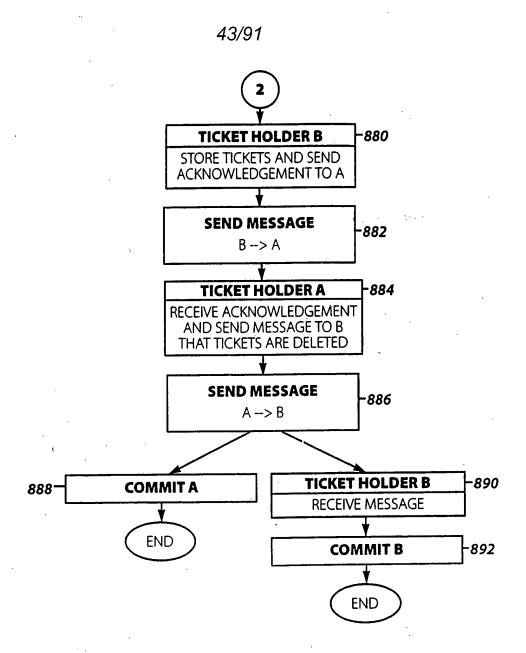


Figure 25C

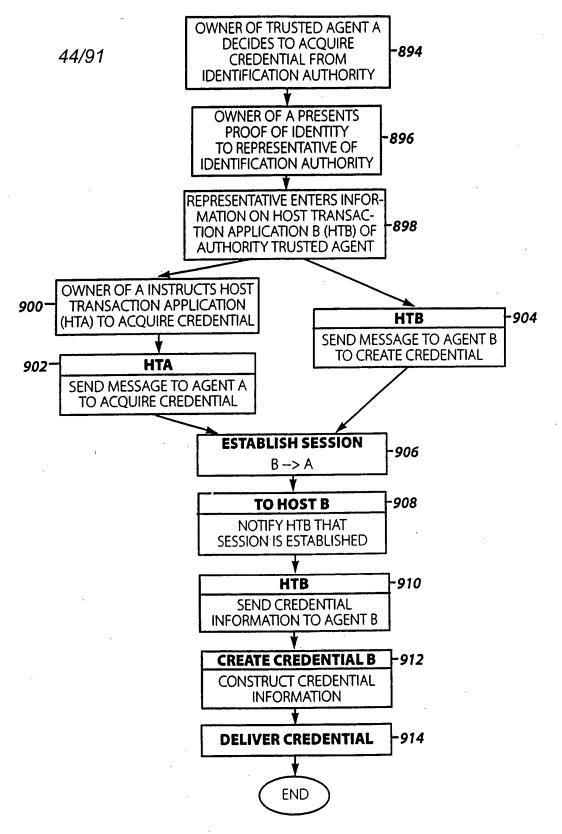


Figure 26

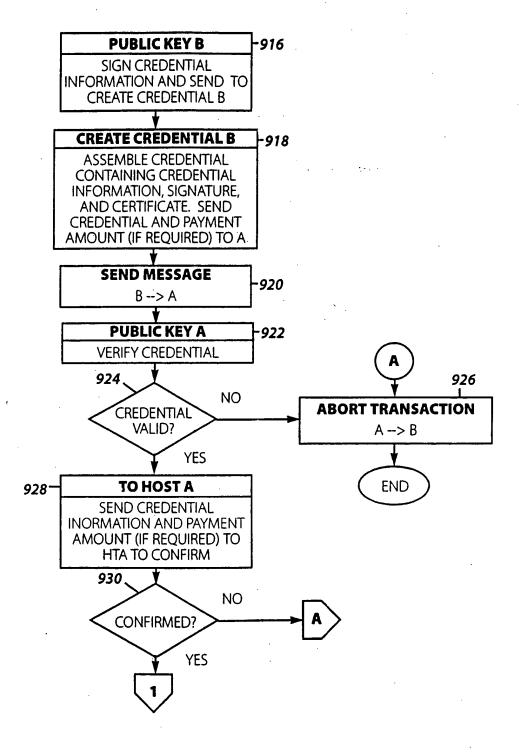


Figure 27A

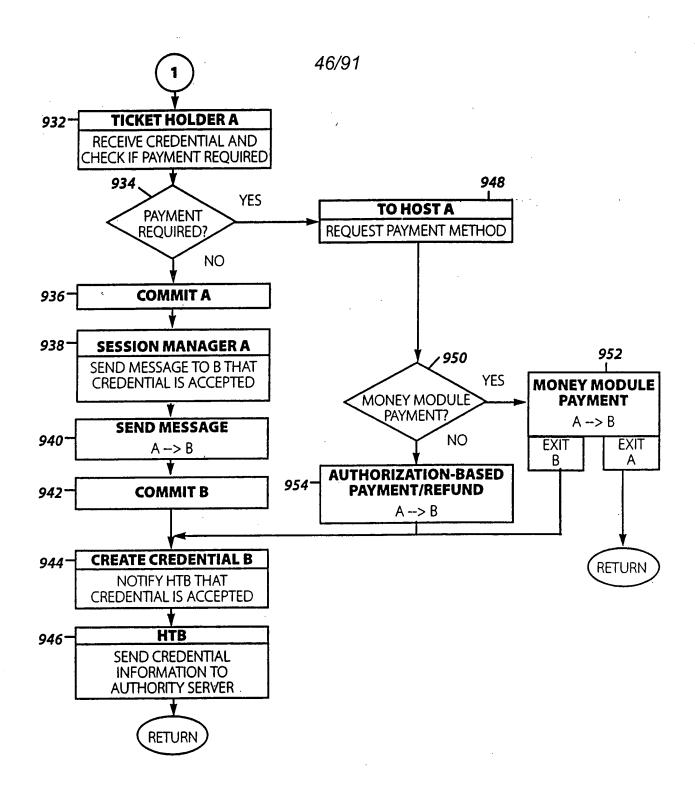
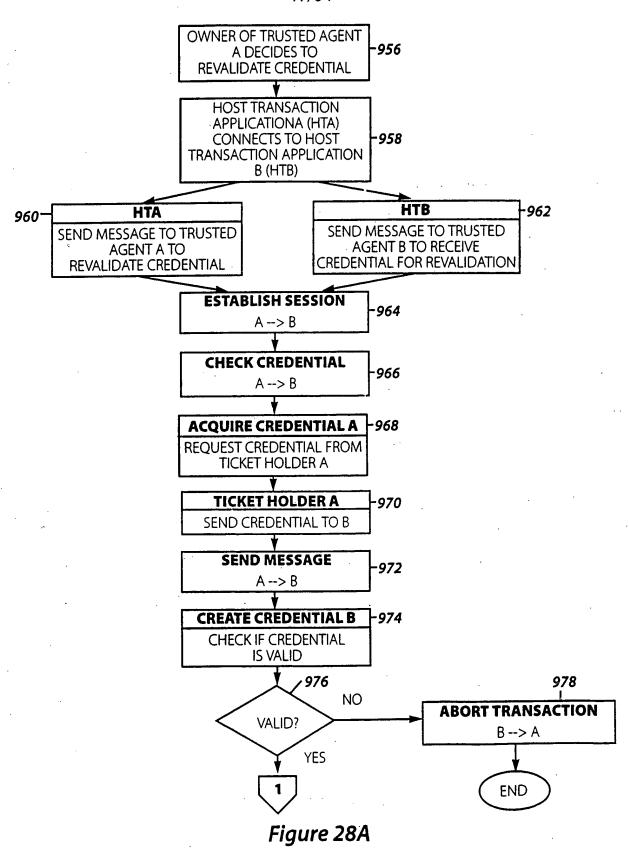


Figure 27B





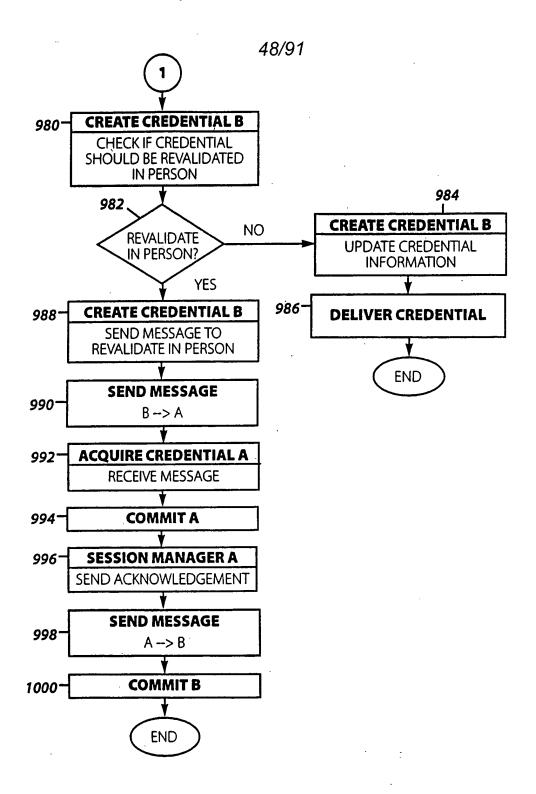


Figure 28B

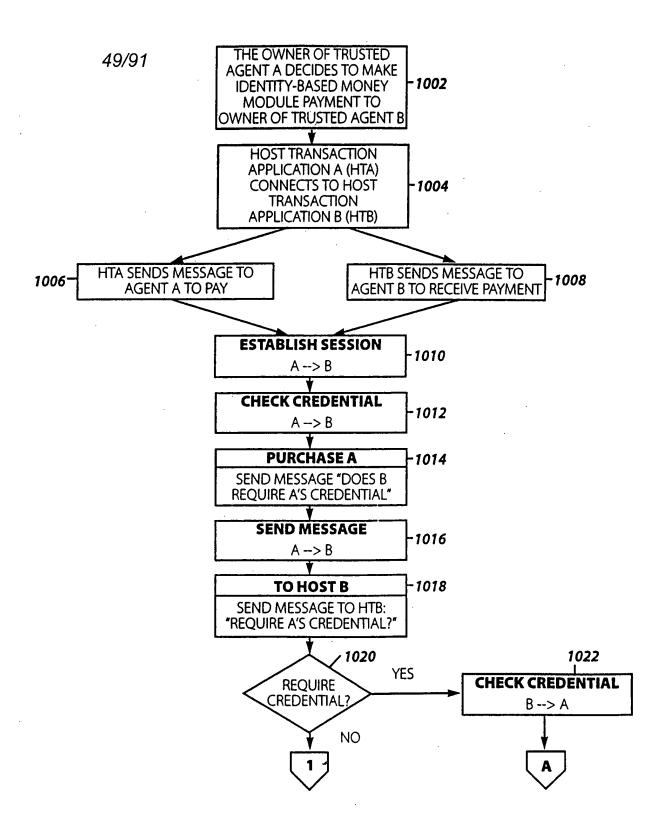


Figure 29A

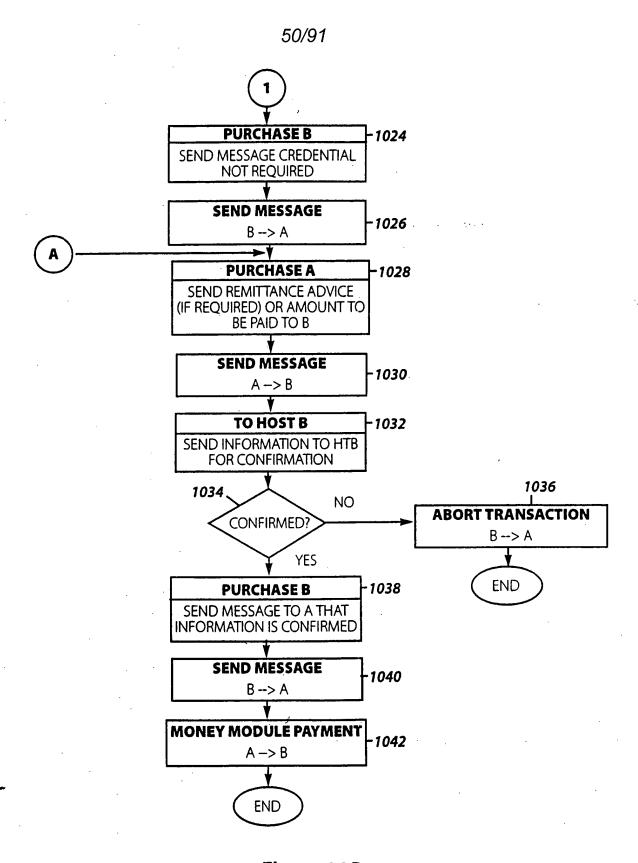
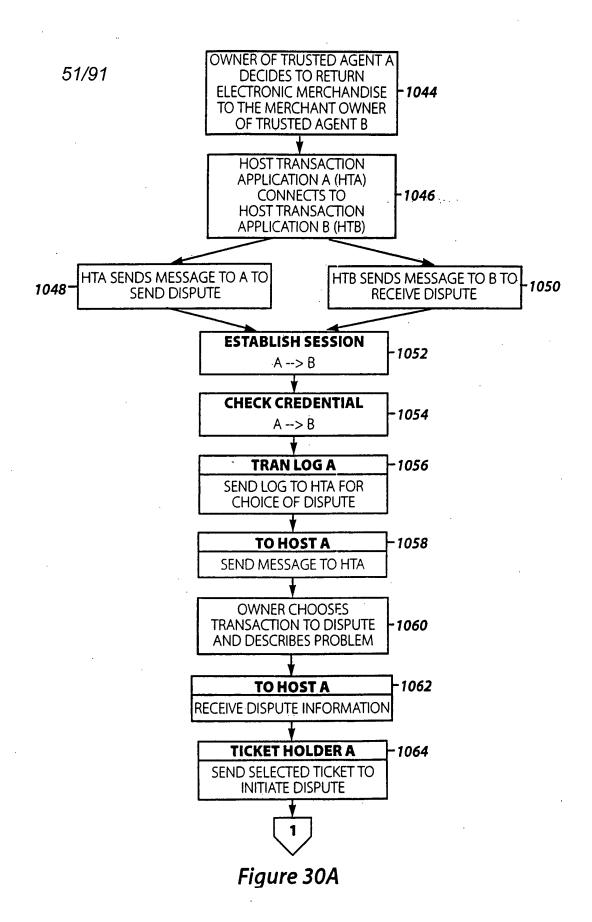


Figure 29B



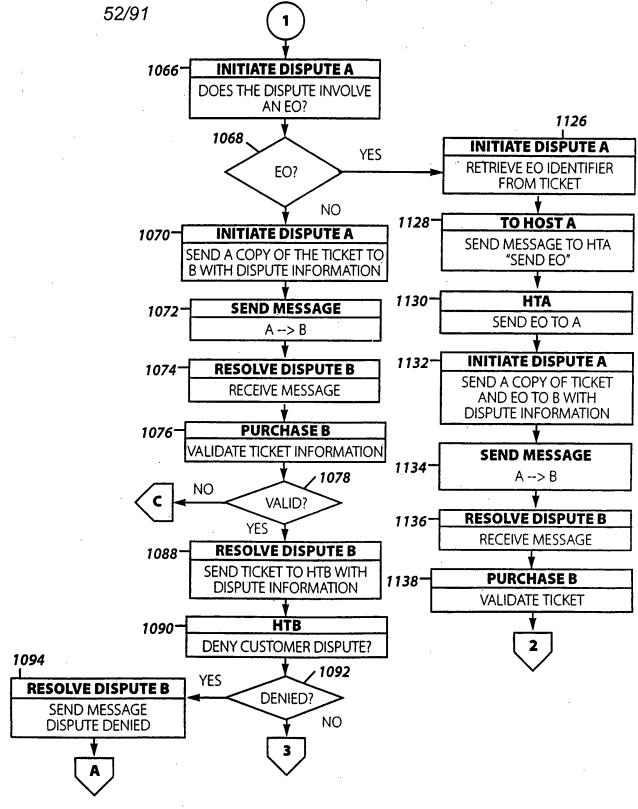


Figure 30B

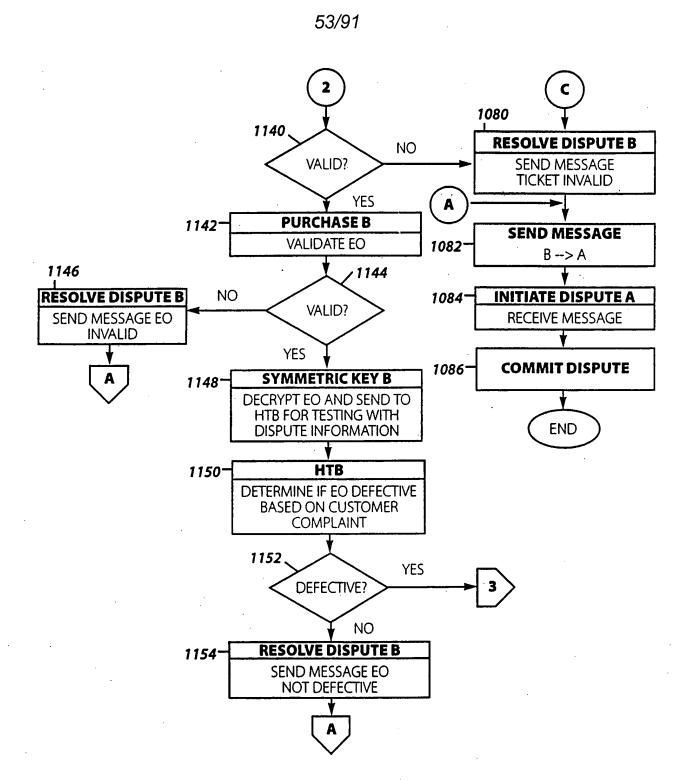
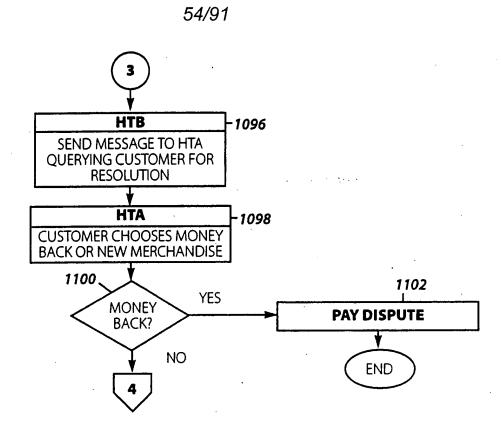


Figure 30C



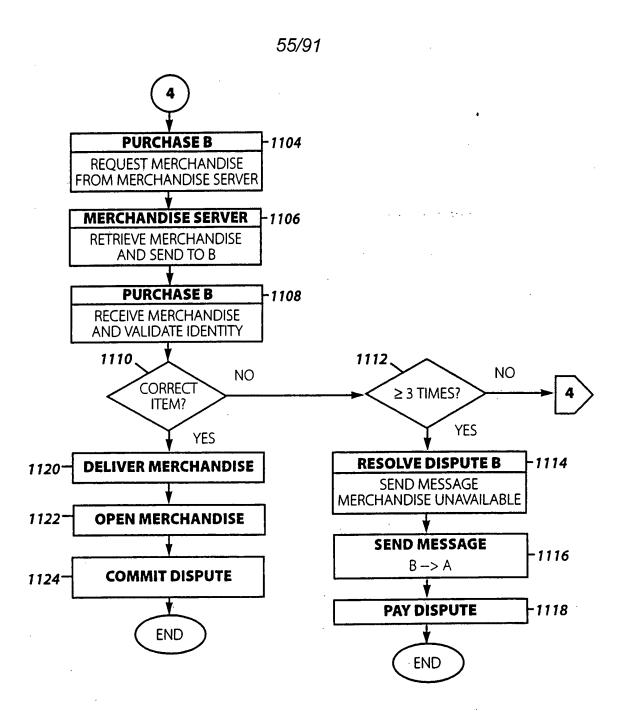
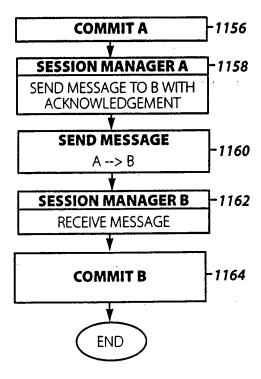


Figure 30E



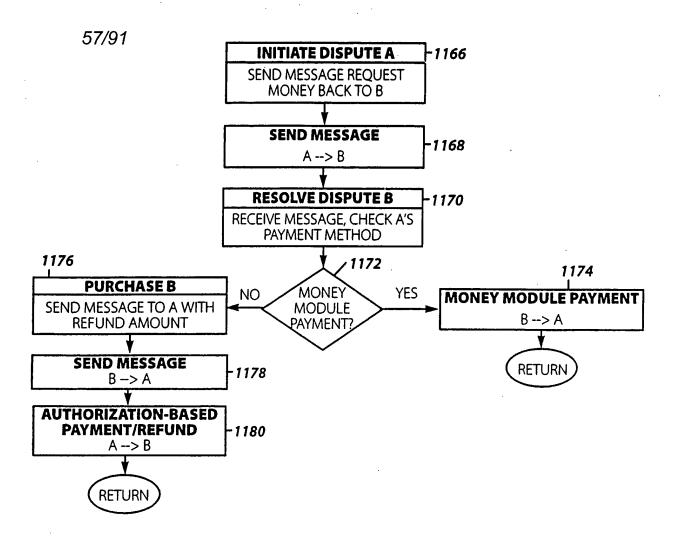


Figure 32

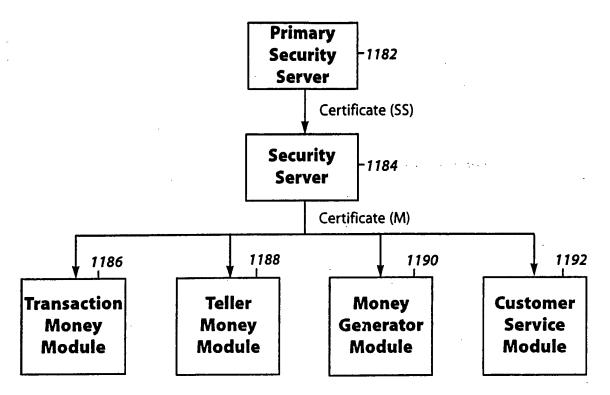


Figure 33A

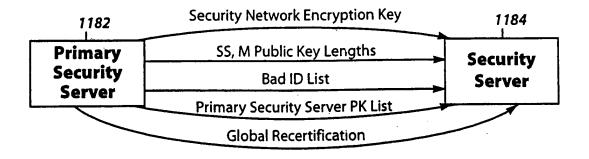


Figure 33B

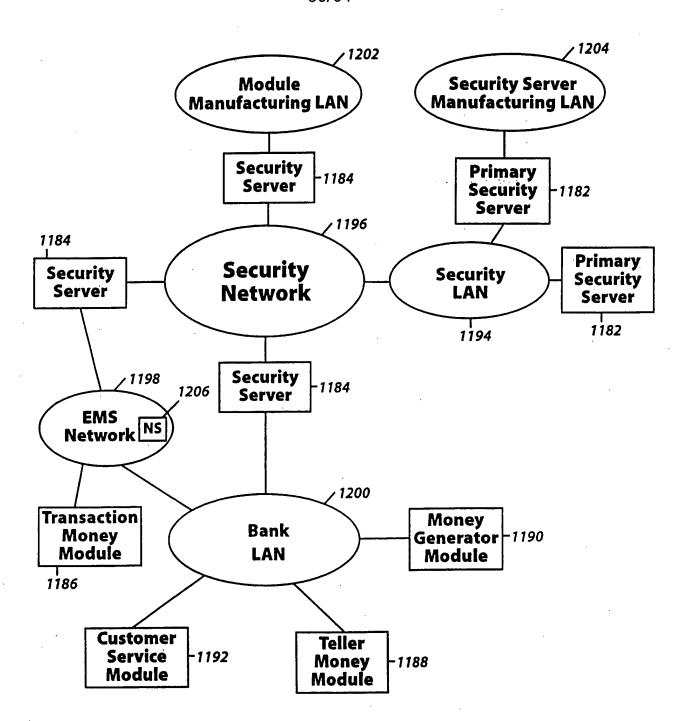


Figure 34

Security Server

· 					1208	
EXTERNAL INTERFACE						
SESSION MANAGER 1210						
NETWORK SIGN-ON	CREATE CERTIFICATE		CREATE ACCOUNT PROFILE	DISTRIBUTE CERTIFICATORY KEYS	CONTROL BAD ID LIST	SYNCHRONIZE DATE/TIME
<u>1212</u>	<u> </u>	<u>1214</u>	<u>1216</u>	<u>1218</u>	<u>1220</u>	<u>1222</u>
CLOCK/TIMER				<u>1226</u>		
		PUBLIC KEY		SYMMETRIC		RANDOM NUMBER GENERATOR
1224						

Figure 35A

Network Server

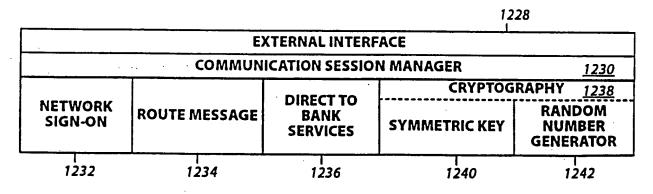


Figure 35B

61/91

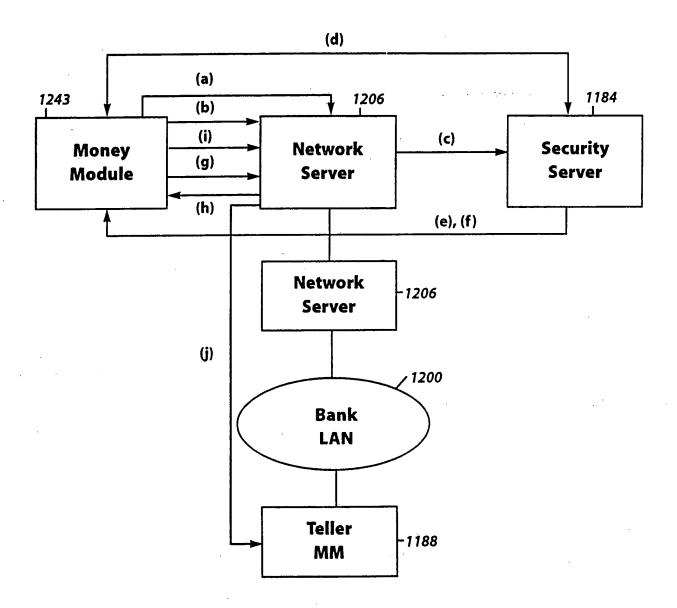


Figure 36

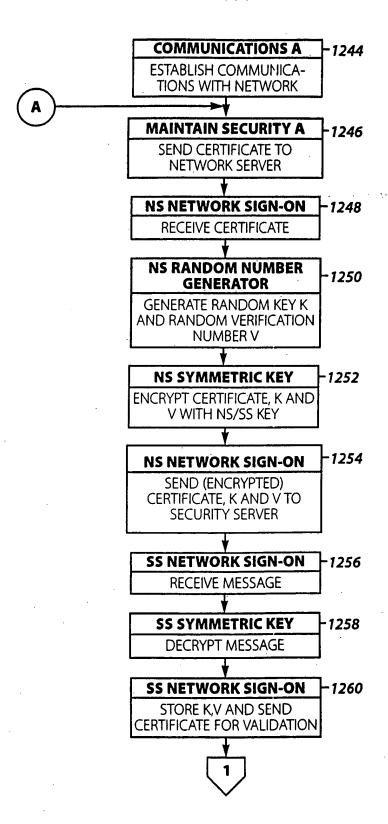


Figure 37A

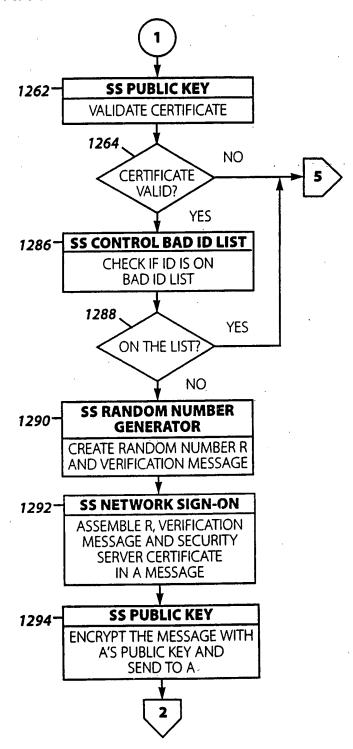


Figure 37B

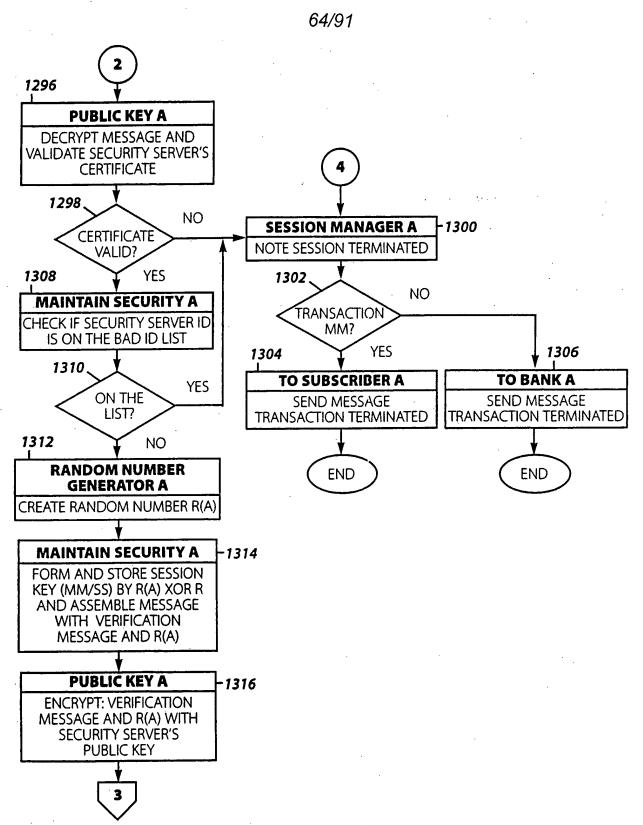


Figure 37C

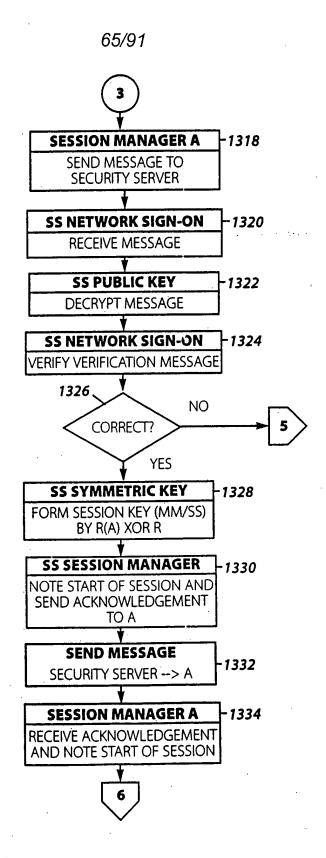
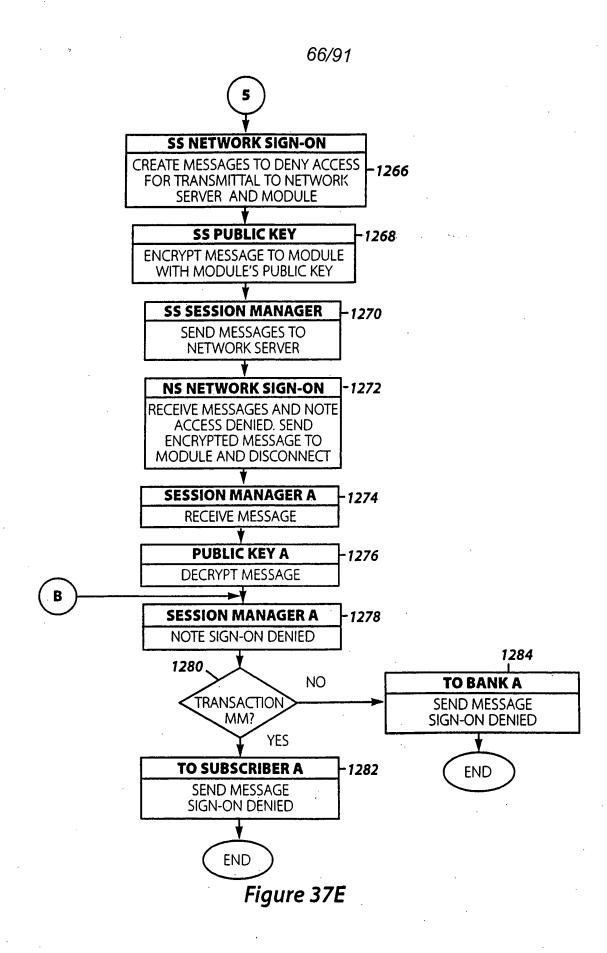
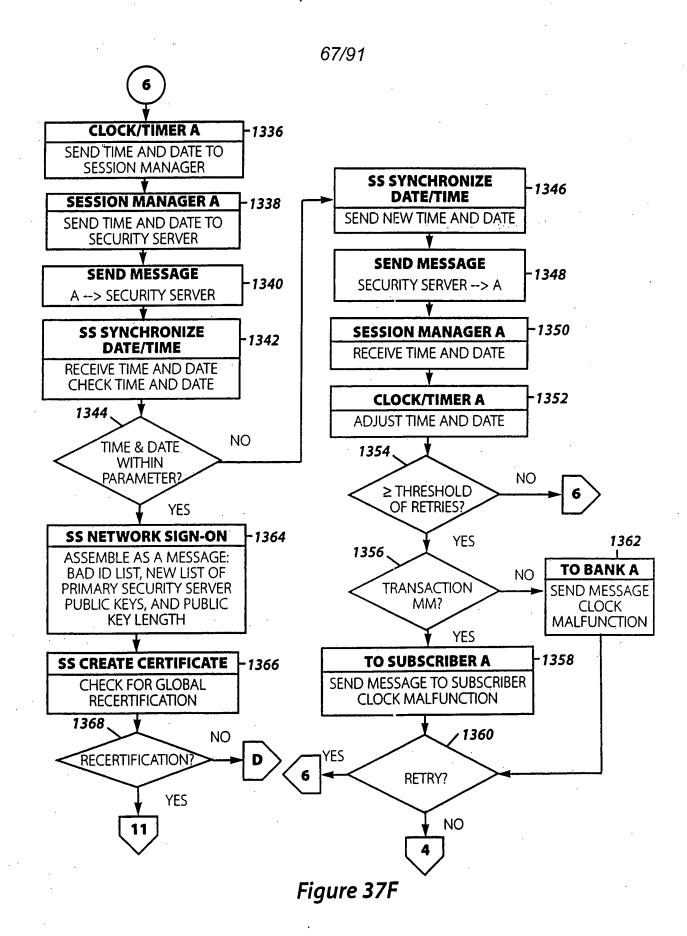
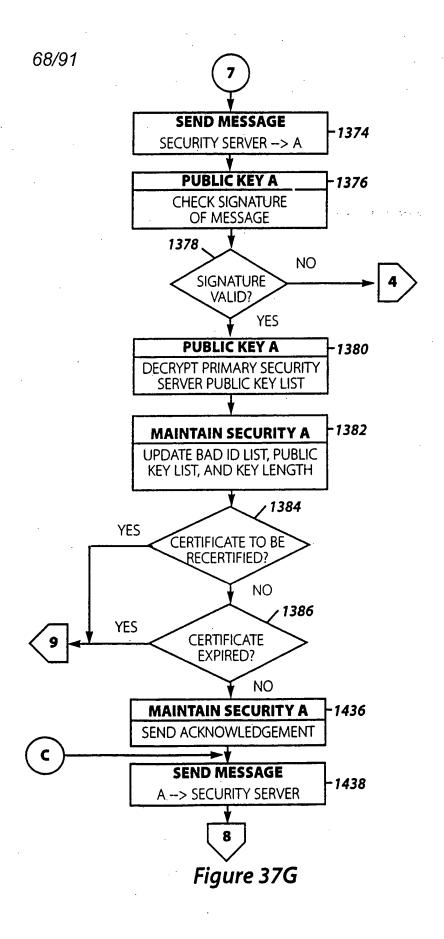
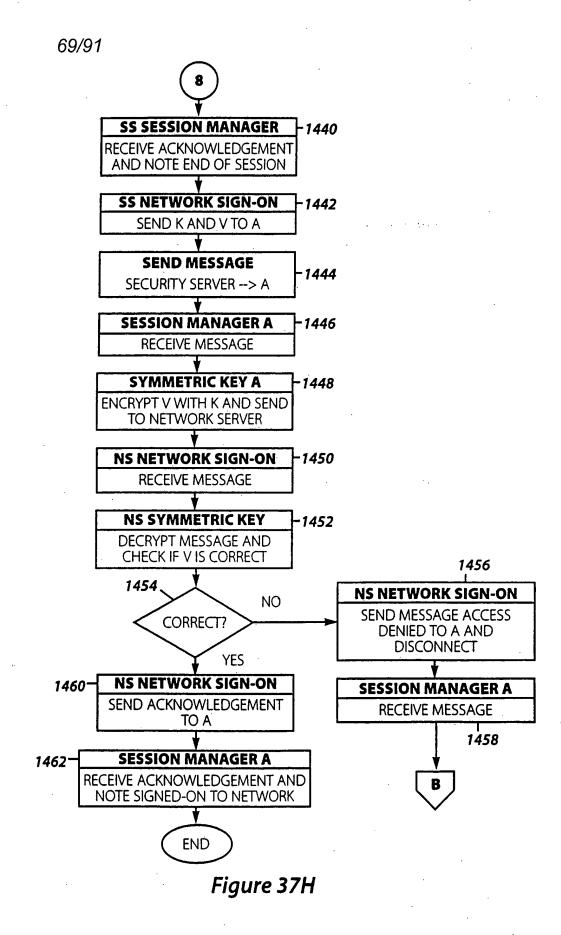


Figure 37D









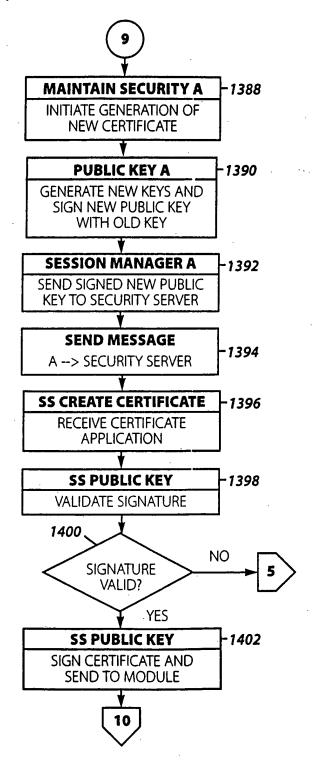
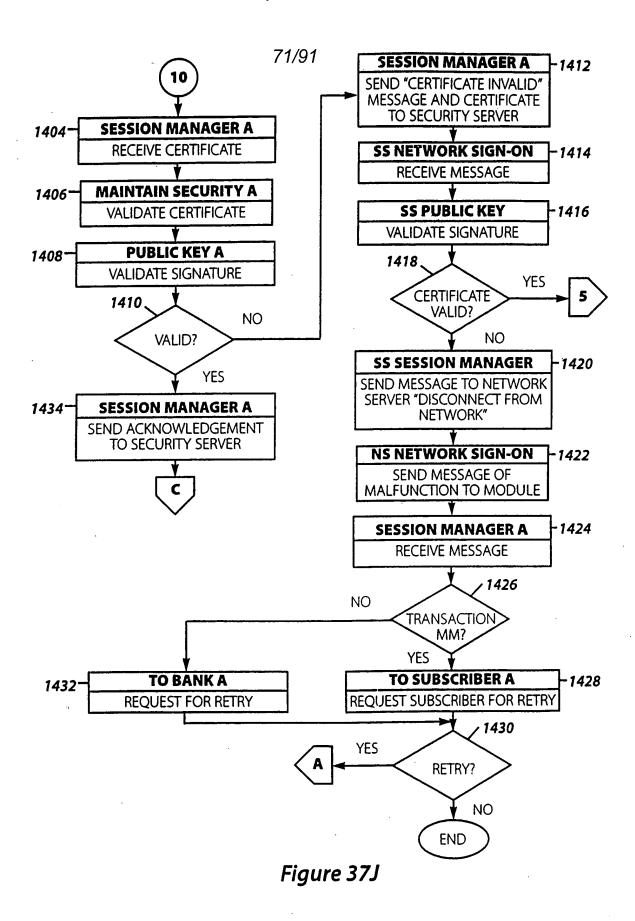
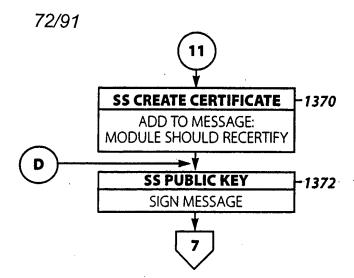
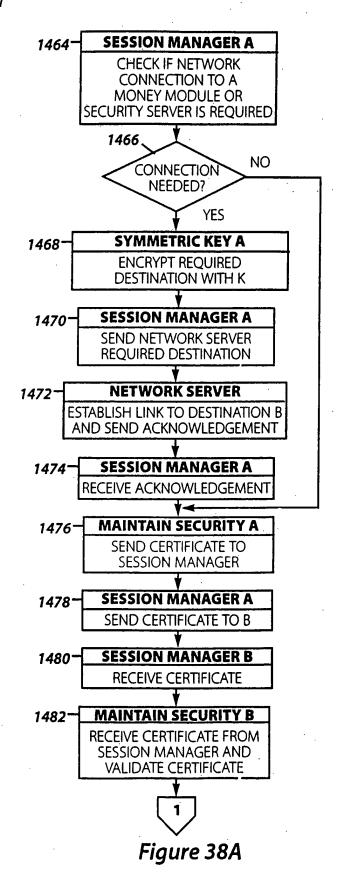


Figure 371







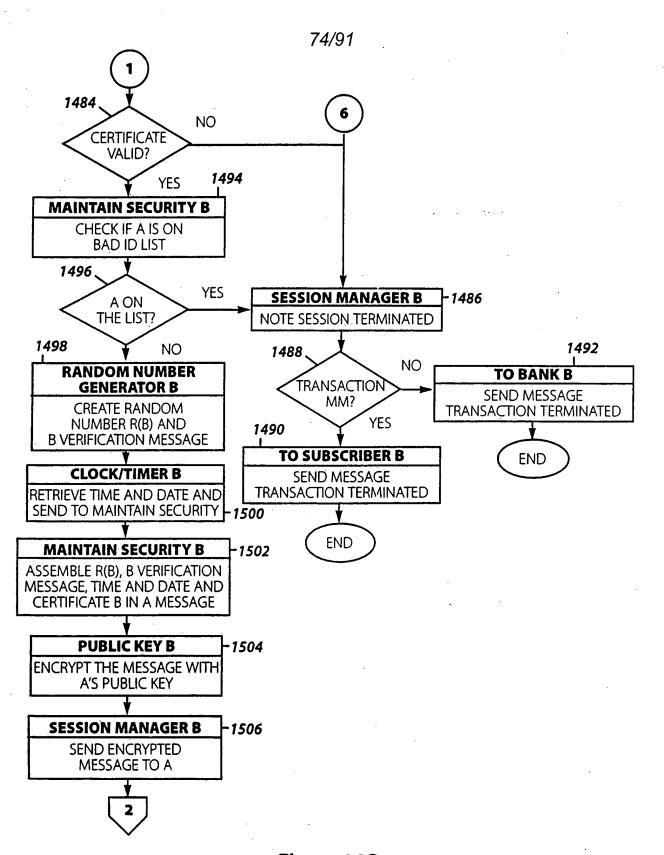
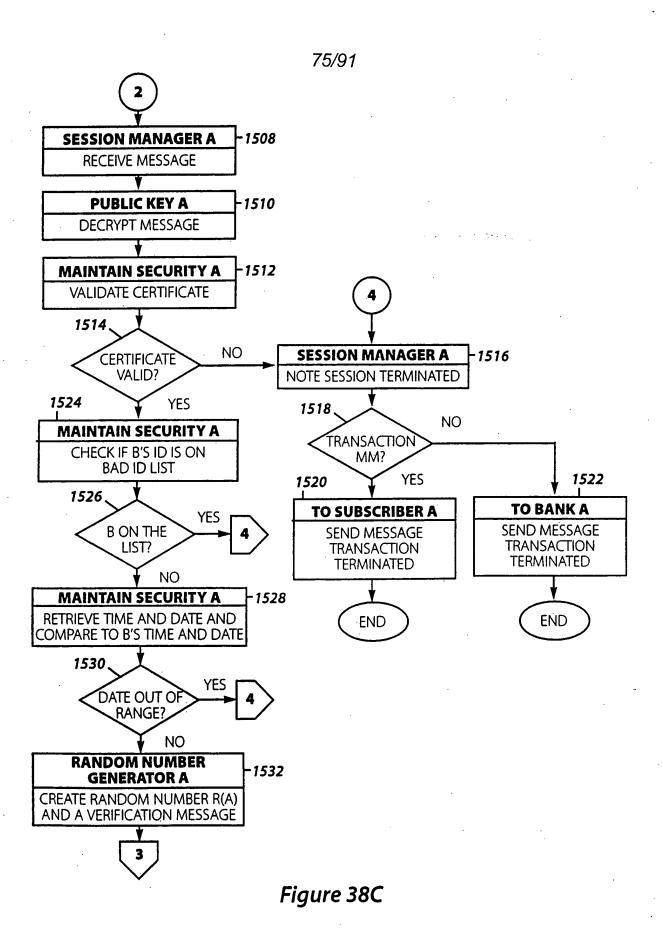


Figure 38B



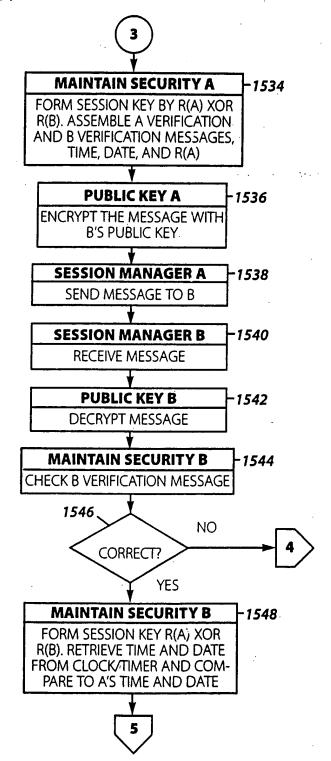


Figure 38D



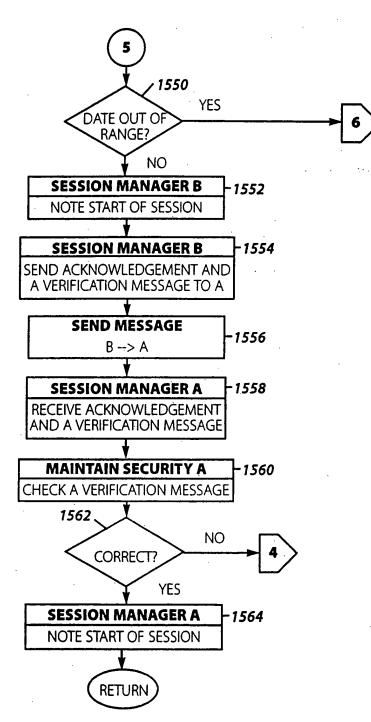


Figure 38E

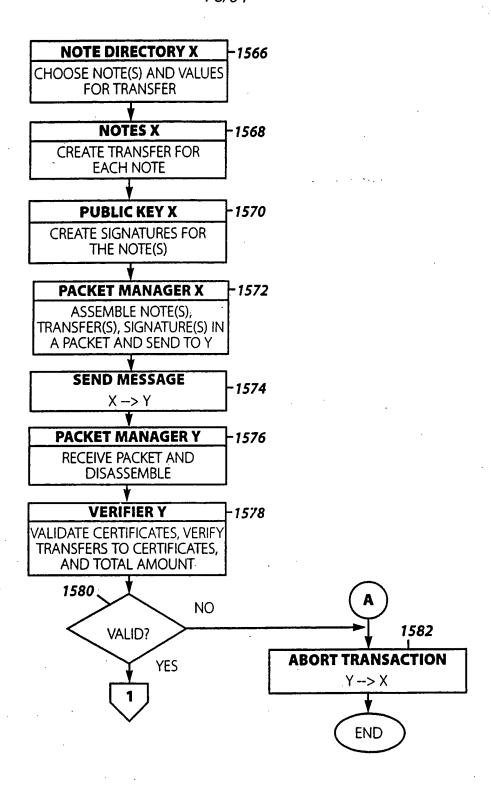
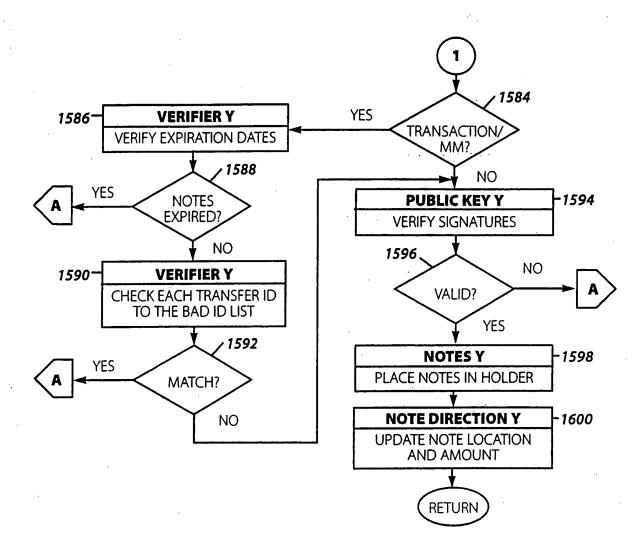
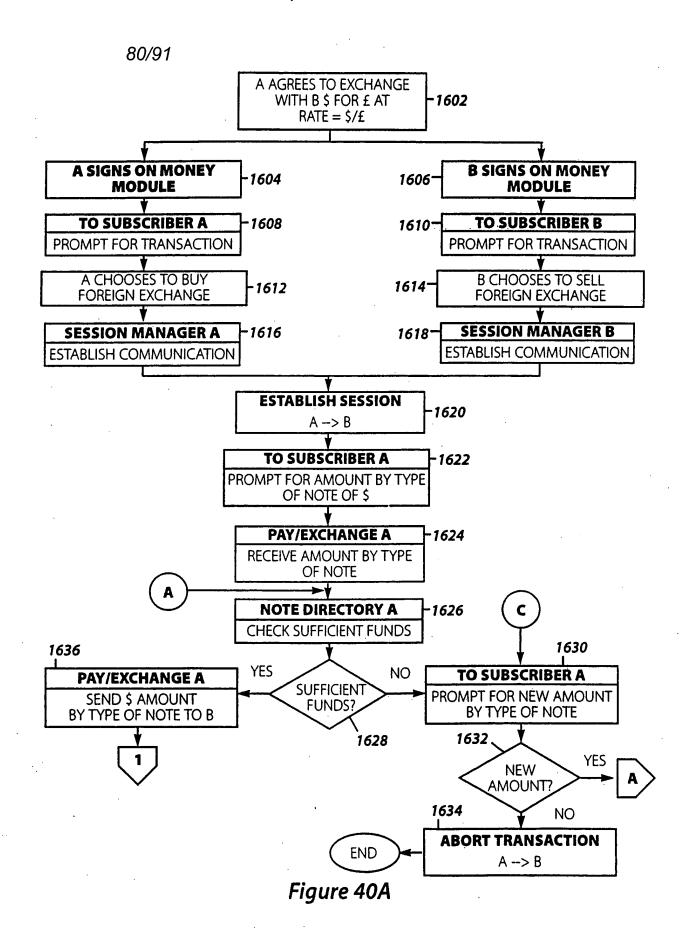


Figure 39A

79/91





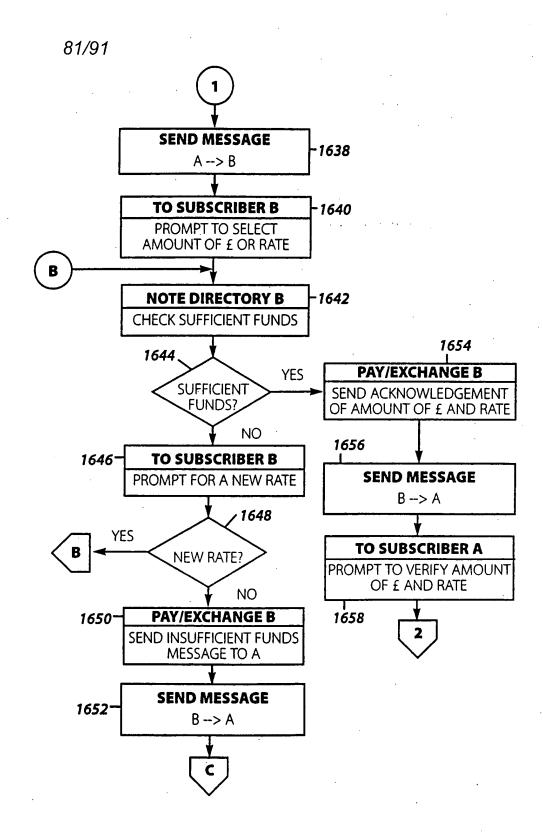


Figure 40B

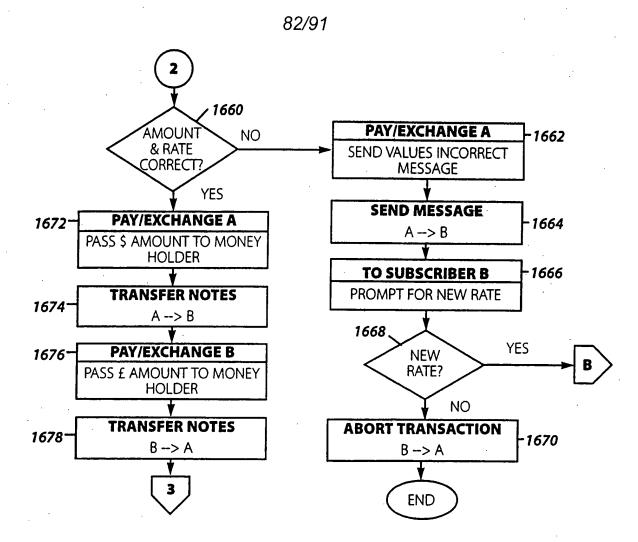


Figure 40C

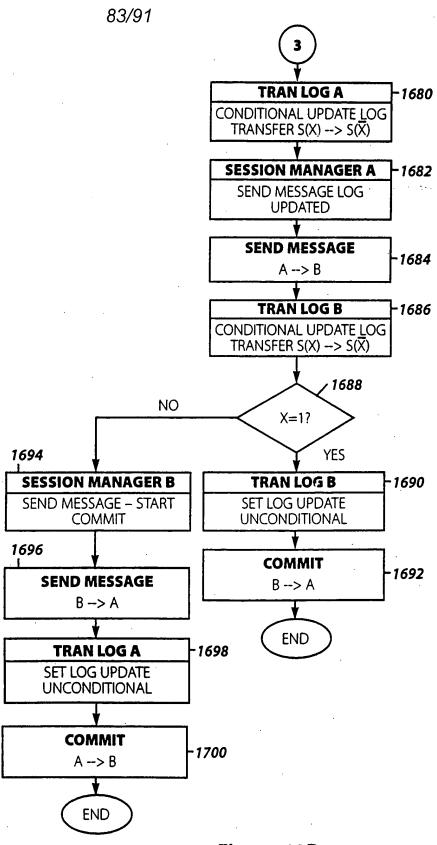


Figure 40D

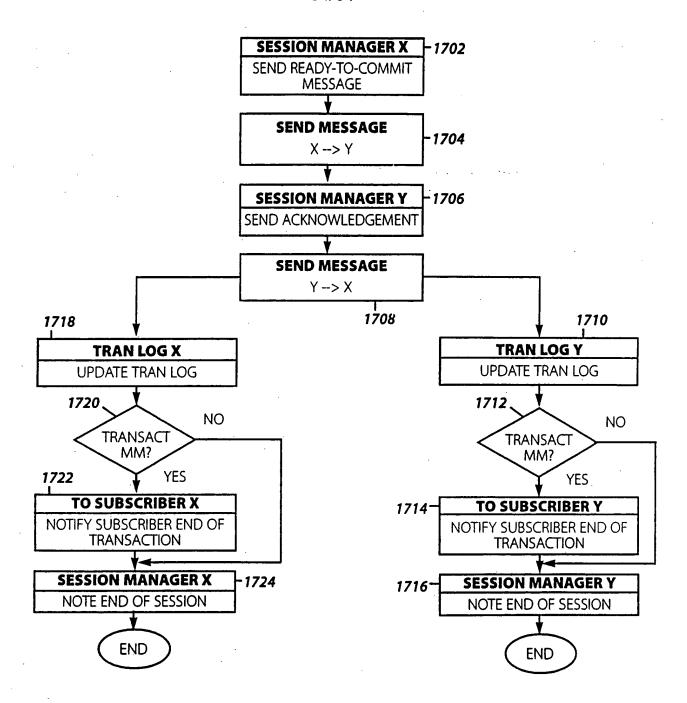


Figure 41

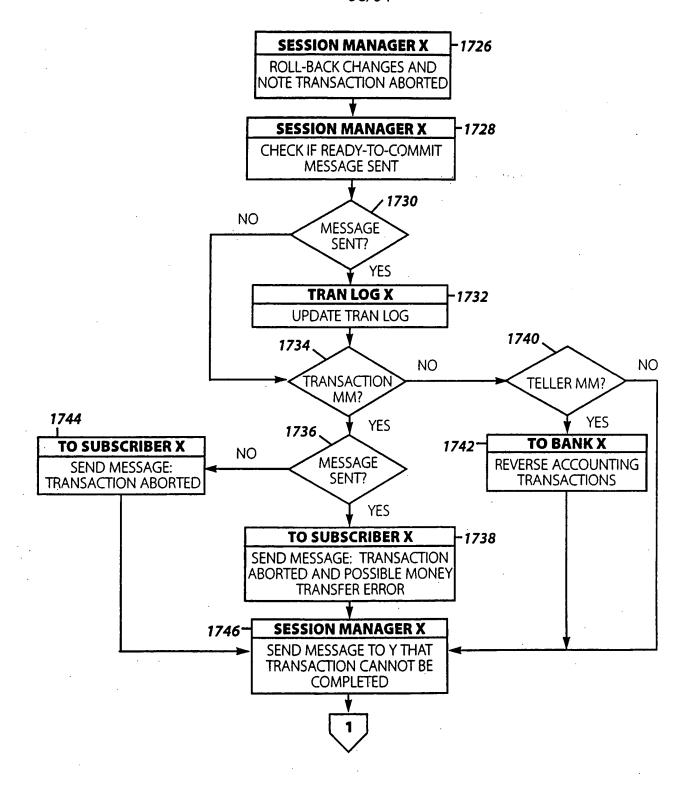


Figure 42A

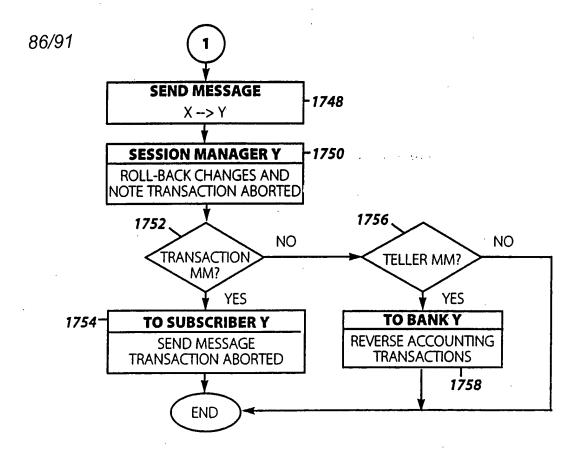


Figure 42B



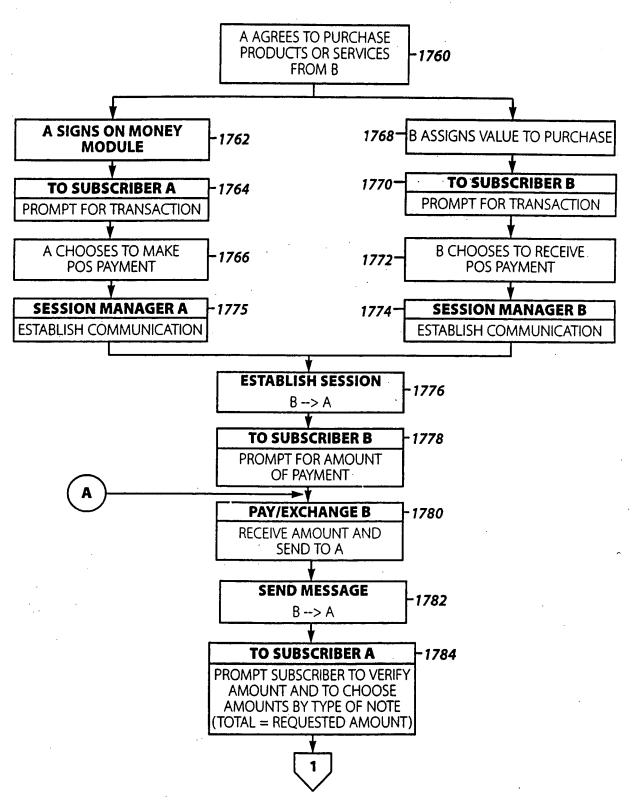


Figure 43A

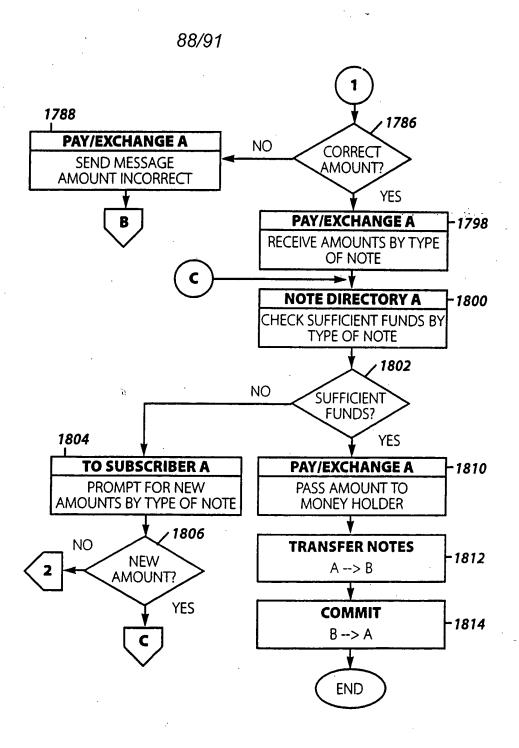


Figure 43B

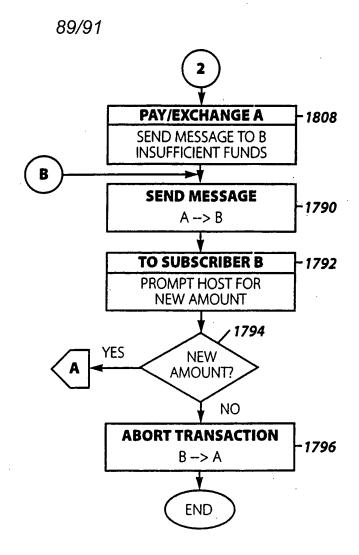


Figure 43C

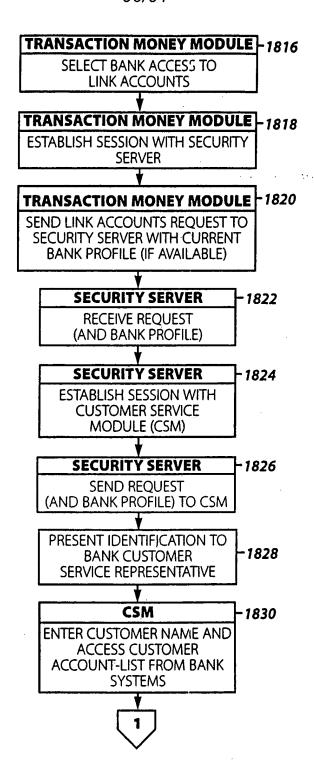


Figure 44A



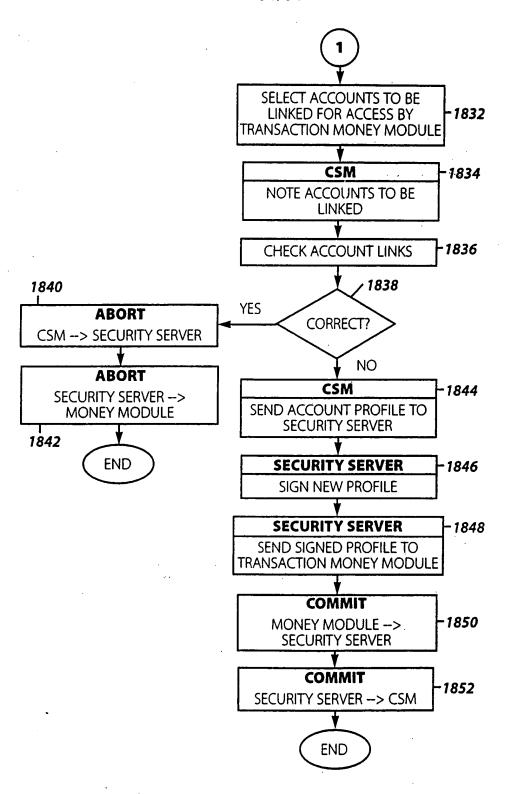


Figure 44B